

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132380.D
 Acq On : 09 Feb 2023 15:58
 Operator : CG\JU
 Sample : 01508-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-3MS

Quant Time: Feb 10 00:59:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian
 Giraldo

02/10/2023
 Supervised By : Jagrut
 Upadhyay

02/10/2023
 Supervised By : Jagrut
 Upadhyay

02/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	138474	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	530032	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	273838	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	518629	20.000	ng	0.00
76) Chrysene-d12	14.254	240	283552	20.000	ng	0.00
86) Perylene-d12	15.824	264	302136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1003944	116.537	ng	0.02
7) Phenol-d6	6.672	99	1206869	113.632	ng	0.00
23) Nitrobenzene-d5	7.613	82	723562	75.966	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	431852	153.354	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1401963	79.061	ng	0.00
79) Terphenyl-d14	13.183	244	1584895	108.122	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	165309	40.781	ng	96
3) Pyridine	3.754	79	315274m	28.669	ng	
4) n-Nitrosodimethylamine	3.713	42	139936	39.768	ng	98
6) Aniline	6.754	93	57293m	3.975	ng	
8) 2-Chlorophenol	6.831	128	449697	50.401	ng	96
9) Benzaldehyde	6.601	77	226083	37.162	ng	92
10) Phenol	6.684	94	484680	44.090	ng	97
11) bis(2-Chloroethyl)ether	6.778	93	517648m	57.216	ng	
12) 1,3-Dichlorobenzene	6.990	146	479046	50.764	ng	98
13) 1,4-Dichlorobenzene	7.066	146	479160	50.867	ng	99
14) 1,2-Dichlorobenzene	7.219	146	463475	52.759	ng	98
15) Benzyl Alcohol	7.184	79	265255	34.228	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.319	45	376408	39.489	ng	92
17) 2-Methylphenol	7.290	107	345249	44.204	ng	100
18) Hexachloroethane	7.560	117	180795	51.162	ng	96
19) n-Nitroso-di-n-propyla...	7.460	70	240250	39.824	ng	# 95
20) 3+4-Methylphenols	7.442	107	434159	43.553	ng	94
22) Acetophenone	7.454	105	554822	44.511	ng	98
24) Nitrobenzene	7.631	77	399893	41.096	ng	95
25) Isophorone	7.866	82	745618	41.244	ng	97
26) 2-Nitrophenol	7.948	139	243551	51.385	ng	# 90
27) 2,4-Dimethylphenol	7.978	122	393448	47.425	ng	97
28) bis(2-Chloroethoxy)met...	8.072	93	482608	43.441	ng	99
29) 2,4-Dichlorophenol	8.189	162	366911	49.814	ng	97
30) 1,2,4-Trichlorobenzene	8.272	180	397381	50.381	ng	98
31) Naphthalene	8.360	128	1198972	45.956	ng	100
32) Benzoic acid	8.089	122	272459	44.368	ng	94
33) 4-Chloroaniline	8.507	127	76686m	6.629	ng	
34) Hexachlorobutadiene	8.466	225	237746	53.617	ng	98
35) Caprolactam	8.772	113	124830m	49.712	ng	
36) 4-Chloro-3-methylphenol	8.878	107	376784	47.483	ng	99
37) 2-Methylnaphthalene	9.048	142	819668	46.382	ng	99
38) 1-Methylnaphthalene	9.148	142	758555	46.189	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	386242	50.122	ng	99
41) Hexachlorocyclopentadiene	9.201	237	542259	120.610	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	275935	50.092	ng	99

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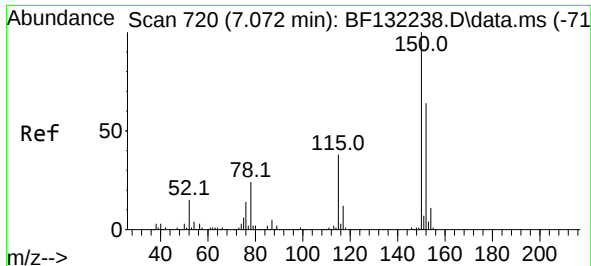
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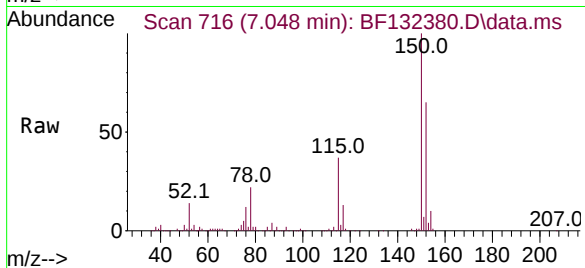
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.372	196	288691	45.533	ng	98	
46) 1,1'-Biphenyl	9.513	154	995953	47.176	ng	97	
47) 2-Chloronaphthalene	9.542	162	776353	48.282	ng	100	
48) 2-Nitroaniline	9.636	65	189139	39.551	ng	#	83
49) Acenaphthylene	9.960	152	1217574	46.397	ng	99	
50) Dimethylphthalate	9.813	163	935411	48.833	ng	99	
51) 2,6-Dinitrotoluene	9.878	165	213477	49.901	ng	#	83
52) Acenaphthene	10.136	154	876503	53.349	ng	100	
53) 3-Nitroaniline	10.048	138	130620	25.177	ng	96	
54) 2,4-Dinitrophenol	10.154	184	266787	106.090	ng	94	
55) Dibenzofuran	10.307	168	1074932	46.566	ng	100	
56) 4-Nitrophenol	10.207	139	341562	87.490	ng	91	
57) 2,4-Dinitrotoluene	10.283	165	285309	51.340	ng	#	87
58) Fluorene	10.654	166	847515	47.705	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.419	232	238710	51.644	ng	97	
60) Diethylphthalate	10.513	149	950265	49.868	ng	99	
61) 4-Chlorophenyl-phenyle...	10.636	204	413434	49.036	ng	95	
62) 4-Nitroaniline	10.666	138	161482	32.458	ng	97	
63) Azobenzene	10.801	77	839252	45.215	ng	93	
65) 4,6-Dinitro-2-methylph...	10.689	198	164888	56.017	ng	99	
66) n-Nitrosodiphenylamine	10.760	169	720862	44.388	ng	99	
67) 4-Bromophenyl-phenylether	11.130	248	270697	50.972	ng	96	
68) Hexachlorobenzene	11.201	284	312968	55.136	ng	93	
69) Atrazine	11.283	200	210079	44.973	ng	98	
70) Pentachlorophenol	11.395	266	341317	87.514	ng	100	
71) Phenanthrene	11.619	178	1273994	47.009	ng	100	
72) Anthracene	11.672	178	1293479	46.898	ng	99	
73) Carbazole	11.825	167	1083892	43.829	ng	99	
74) Di-n-butylphthalate	12.148	149	1497767	51.229	ng	99	
75) Fluoranthene	12.819	202	1248982	45.161	ng	98	
77) Benzidine	12.995	184	30111m	3.037	ng		
78) Pyrene	13.048	202	1275607	55.932	ng	100	
80) Butylbenzylphthalate	13.660	149	576199	57.185	ng	92	
81) Benzo(a)anthracene	14.242	228	951655	47.986	ng	99	
82) 3,3'-Dichlorobenzidine	14.201	252	121431	19.224	ng	98	
83) Chrysene	14.283	228	880451	47.412	ng	100	
84) Bis(2-ethylhexyl)phtha...	14.213	149	806994	59.252	ng	99	
85) Di-n-octyl phthalate	14.842	149	1160154	52.225	ng	#	96
87) Indeno(1,2,3-cd)pyrene	17.459	276	1160779	57.820	ng	96	
88) Benzo(b)fluoranthene	15.354	252	966522	50.326	ng	98	
89) Benzo(k)fluoranthene	15.389	252	854966	46.638	ng	97	
90) Benzo(a)pyrene	15.760	252	824758	46.118	ng	98	
91) Dibenzo(a,h)anthracene	17.483	278	939651	58.216	ng	97	
92) Benzo(g,h,i)perylene	17.959	276	931901	55.886	ng	95	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
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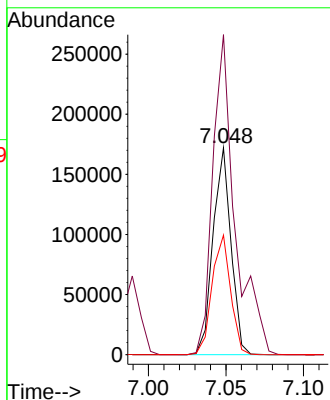
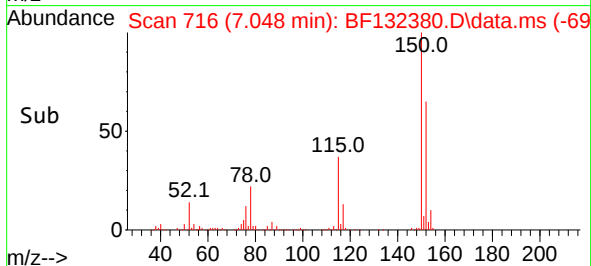
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Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 57.8 47.3 70.9

Manual Integrations
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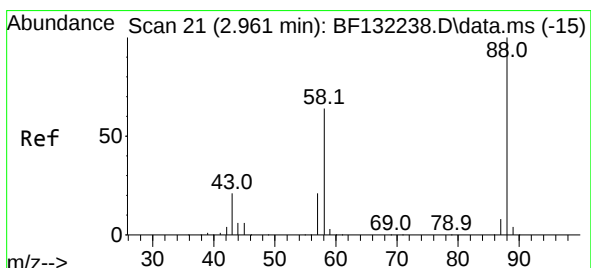
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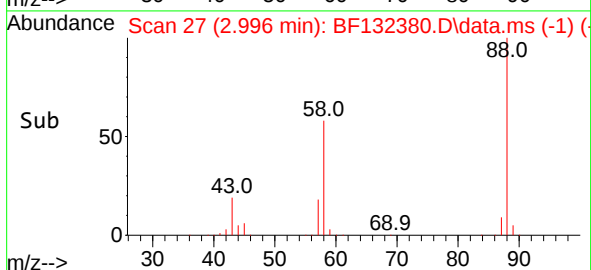
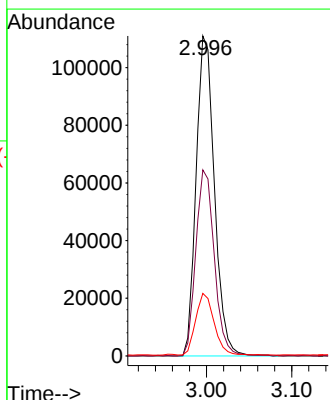
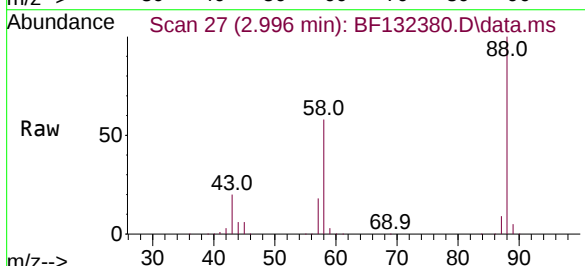


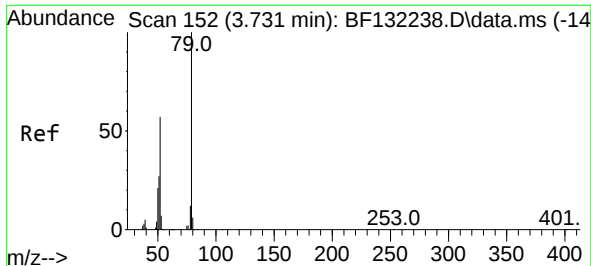
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#2
1,4-Dioxane
Concen: 40.781 ng
RT: 2.996 min Scan# 27
Delta R.T. 0.065 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

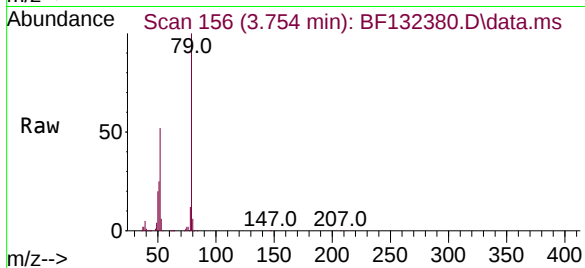
Tgt Ion: 88 Resp: 165309
Ion Ratio Lower Upper
88 100
58 58.9 50.2 75.2
43 19.7 16.9 25.3





#3
Pyridine
Concen: 28.669 ng m
RT: 3.754 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

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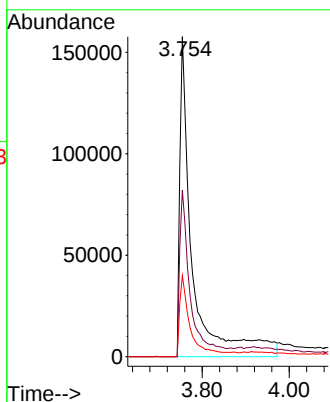
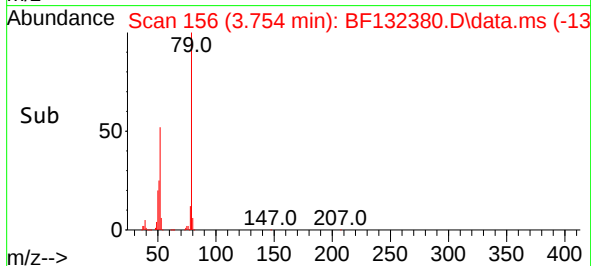
Tgt Ion: 79 Resp: 315274
Ion Ratio Lower Upper
79 100
52 52.0 45.6 68.4
51 25.3 21.5 32.3

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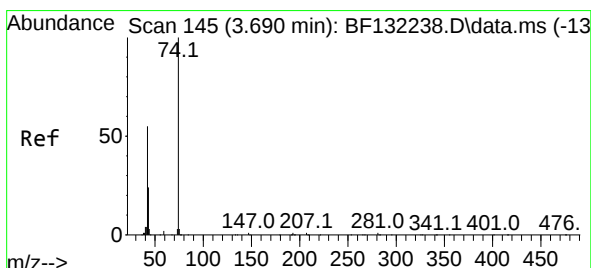
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Giraldo

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Supervised By :Jagrut
Upadhyay

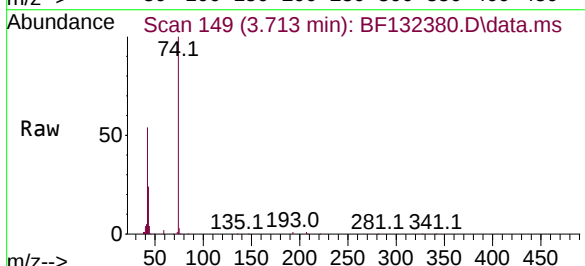
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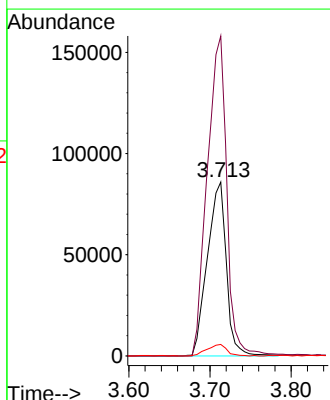
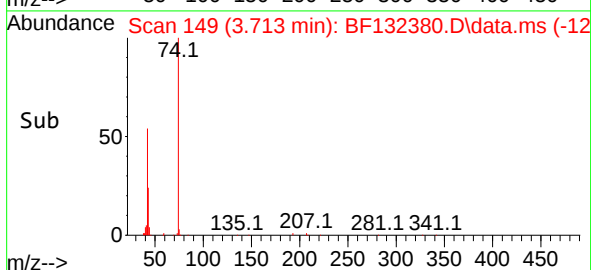
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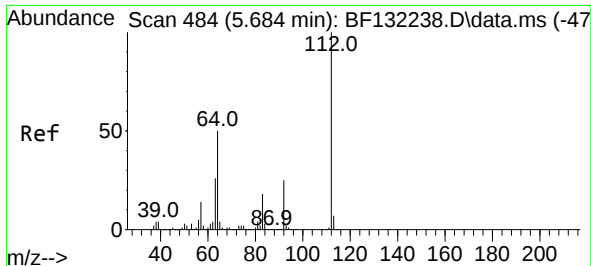


#4
n-Nitrosodimethylamine
Concen: 39.768 ng
RT: 3.713 min Scan# 149
Delta R.T. 0.047 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58



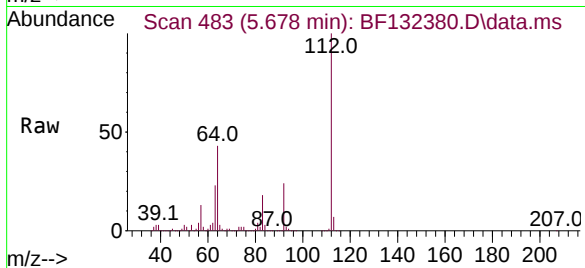
Tgt Ion: 42 Resp: 139936
Ion Ratio Lower Upper
42 100
74 184.1 144.6 217.0
44 6.6 5.1 7.7





#5
2-Fluorophenol
Concen: 116.537 ng
RT: 5.678 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
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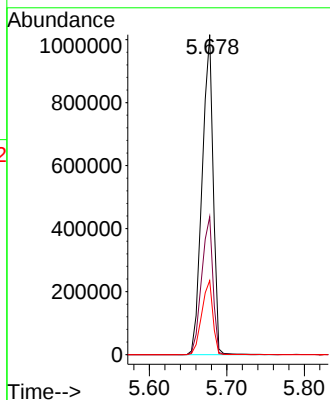
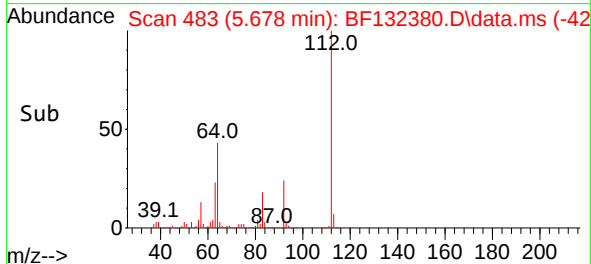
Tgt Ion:112 Resp: 1003944
Ion Ratio Lower Upper
112 100
64 43.1 40.0 60.0
63 23.1 20.5 30.7

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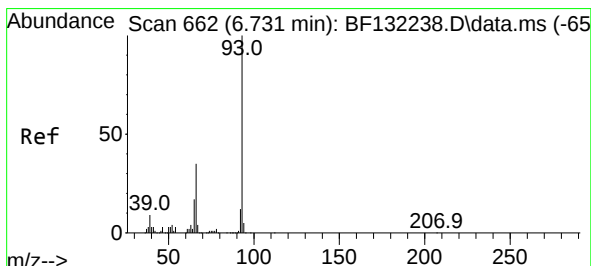
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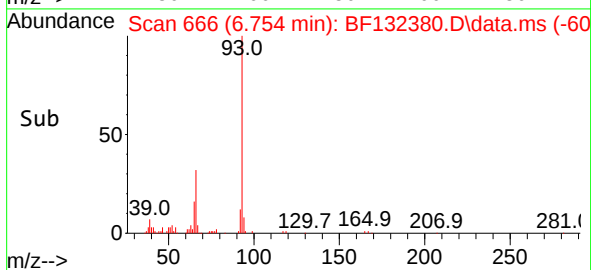
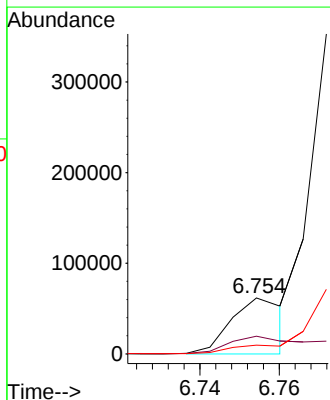
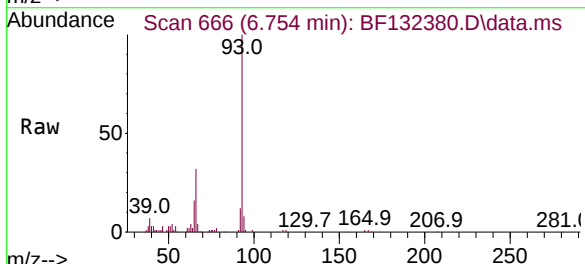


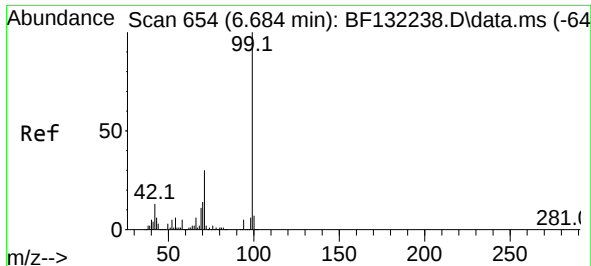
02/10/2023



#6
Aniline
Concen: 3.975 ng m
RT: 6.754 min Scan# 666
Delta R.T. 0.041 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

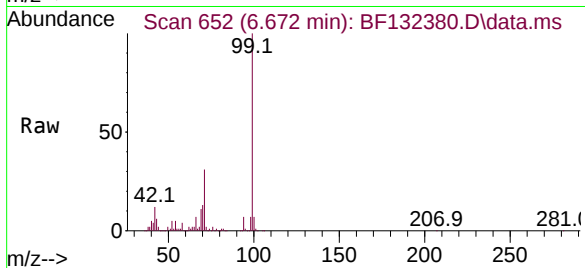
Tgt Ion: 93 Resp: 57293
Ion Ratio Lower Upper
93 100
66 31.6 28.8 43.2
65 15.7 14.2 21.4





#7
Phenol-d6
Concen: 113.632 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

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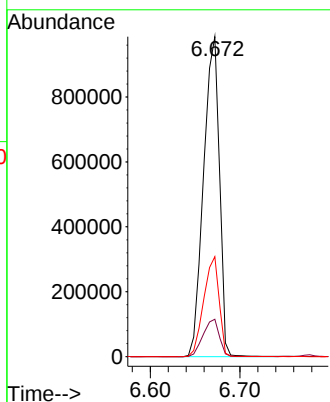
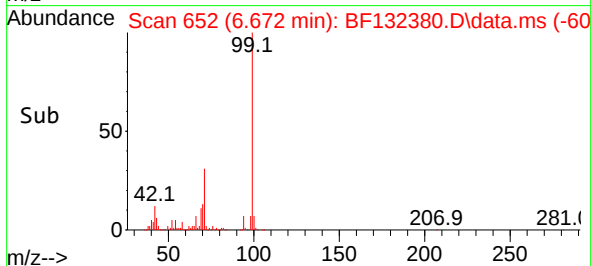
Tgt Ion: 99 Resp: 1206869
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 31.2 24.2 36.4

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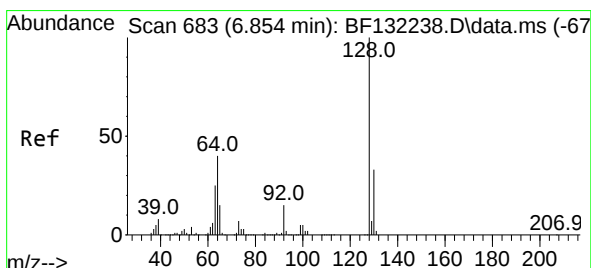
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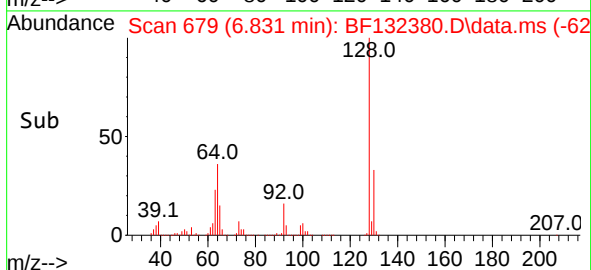
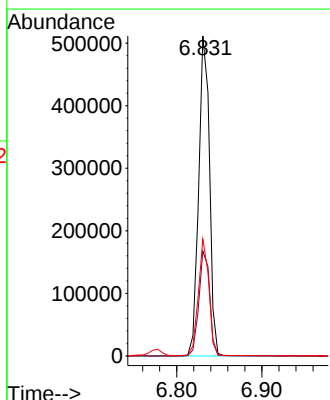
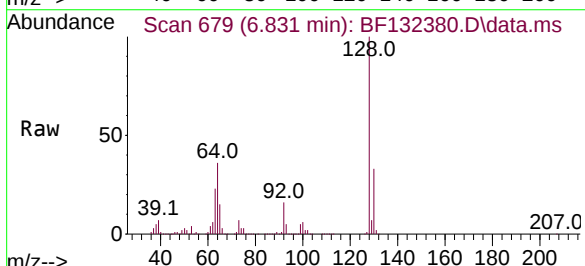


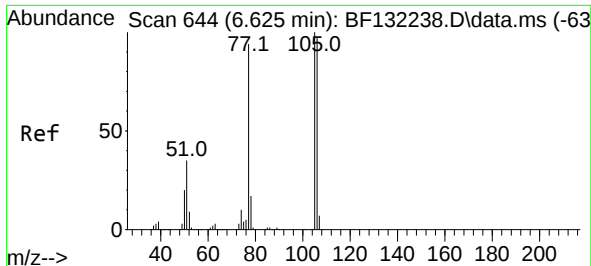
02/10/2023



#8
2-Chlorophenol
Concen: 50.401 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

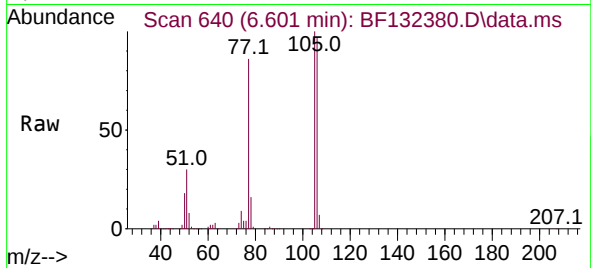
Tgt Ion:128 Resp: 449697
Ion Ratio Lower Upper
128 100
130 32.8 13.3 53.3
64 36.5 20.1 60.1





#9
Benzaldehyde
Concen: 37.162 ng
RT: 6.601 min Scan# 644
Delta R.T. 0.000 min
Lab File: BF132380.D
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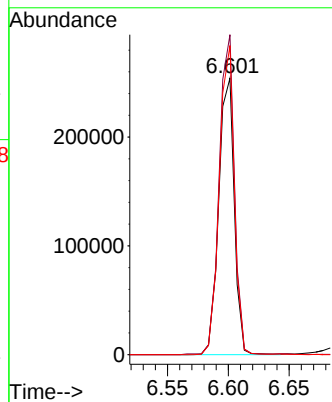
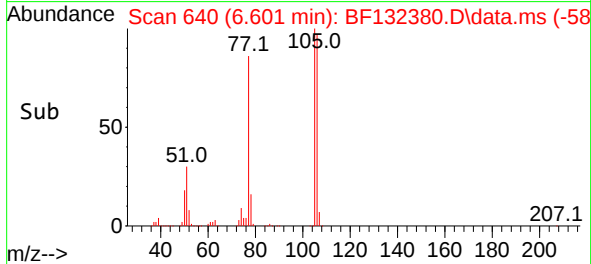
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Ion Ratio Lower Upper
77 100
105 115.8 86.8 126.8
106 111.8 83.8 123.8

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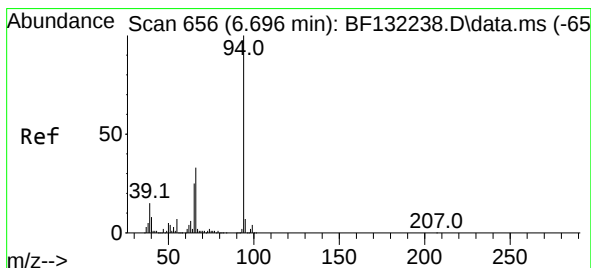
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Upadhyay

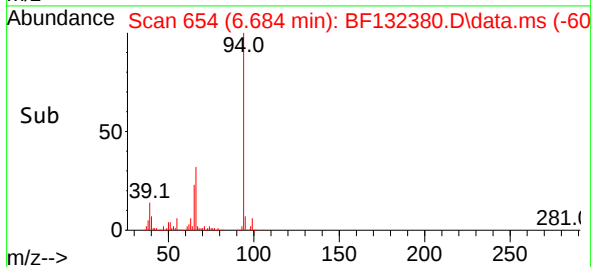
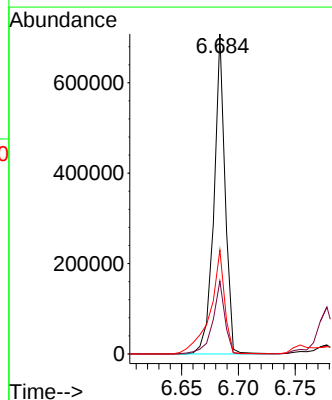
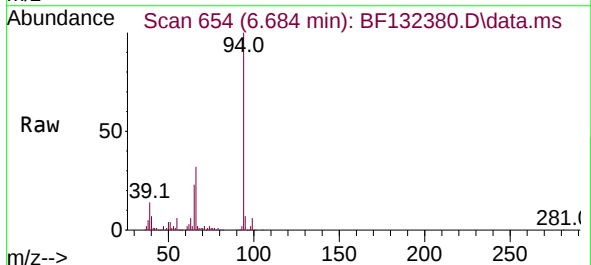


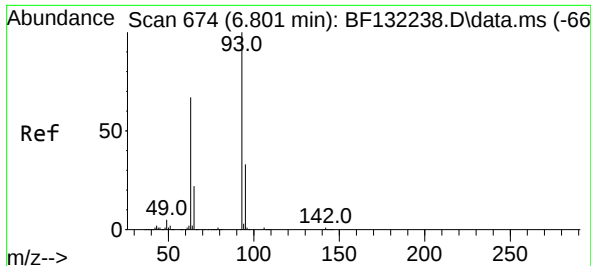
02/10/2023



#10
Phenol
Concen: 44.090 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion: 94 Resp: 484680
Ion Ratio Lower Upper
94 100
65 22.8 5.1 45.1
66 32.5 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 57.216 ng m

RT: 6.778 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

Tgt Ion: 93 Resp: 517648

Ion Ratio Lower Upper

93 100

63 56.5 46.7 86.7

95 31.0 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Christian
Giraldo

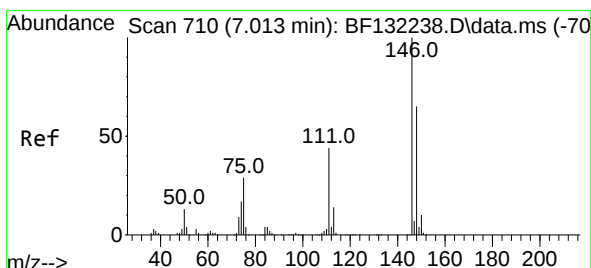
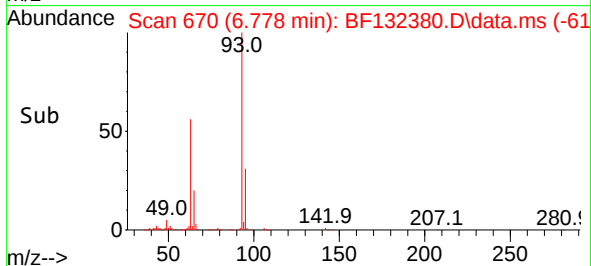
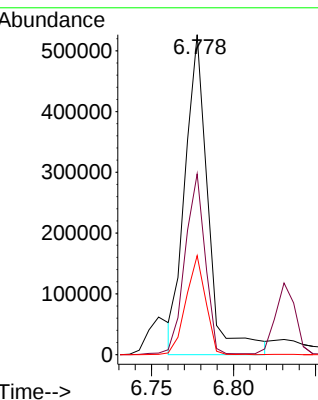
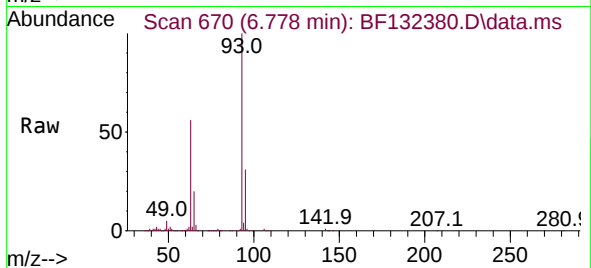
02/10/2023

Supervised By :Jagrut
Upadhyay

02/10/2023

Supervised By :Jagrut
Upadhyay

02/10/2023



#12

1,3-Dichlorobenzene

Concen: 50.764 ng

RT: 6.990 min Scan# 706

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

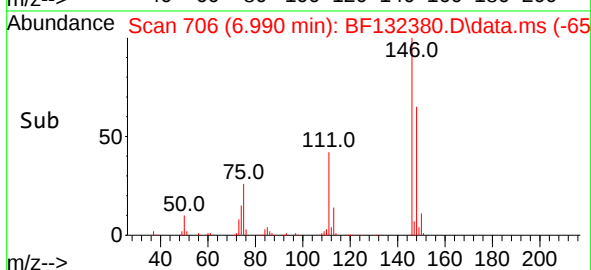
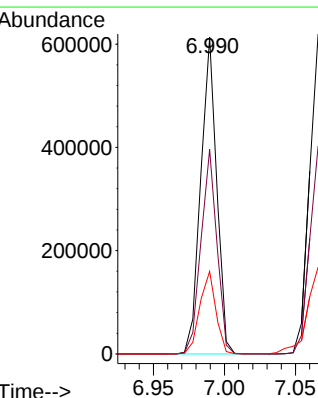
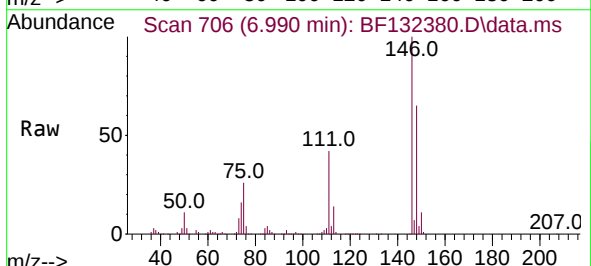
Tgt Ion:146 Resp: 479046

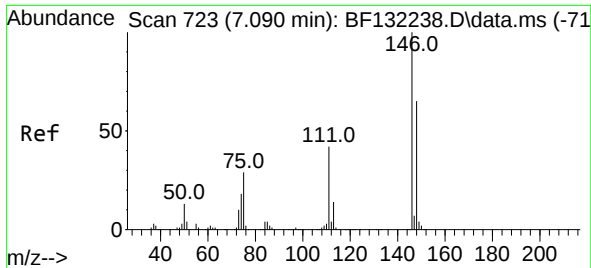
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 26.0 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 50.867 ng

RT: 7.066 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

Tgt Ion:146 Resp: 479160

Ion Ratio Lower Upper

146 100

148 65.0 52.4 78.6

111 41.5 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Christian
Giraldo

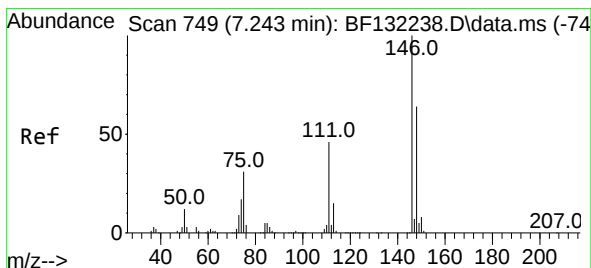
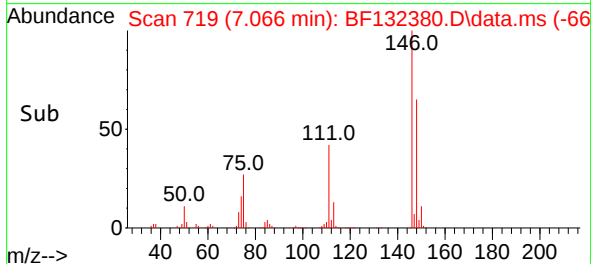
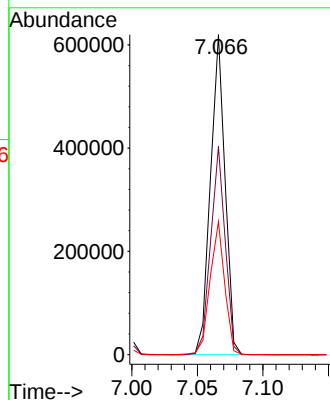
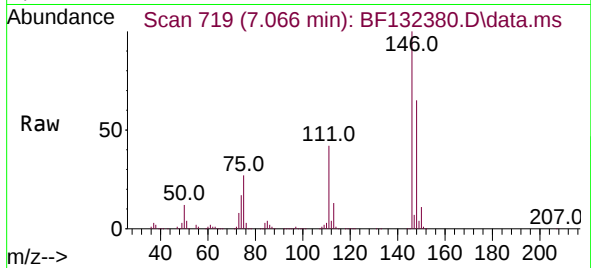
02/10/2023

Supervised By :Jagrut
Upadhyay

02/10/2023

Supervised By :Jagrut
Upadhyay

02/10/2023



#14

1,2-Dichlorobenzene

Concen: 52.759 ng

RT: 7.219 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

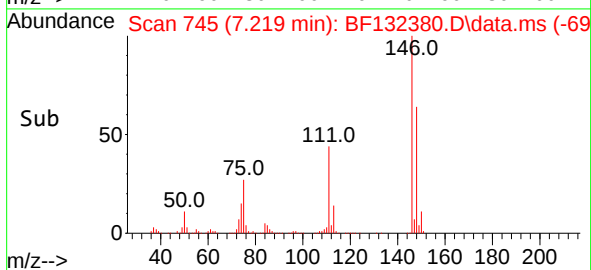
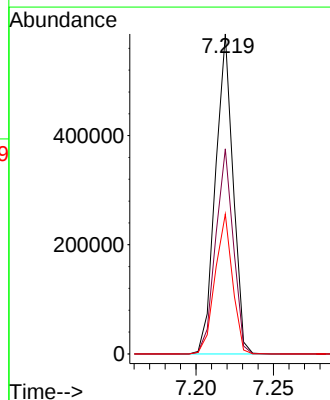
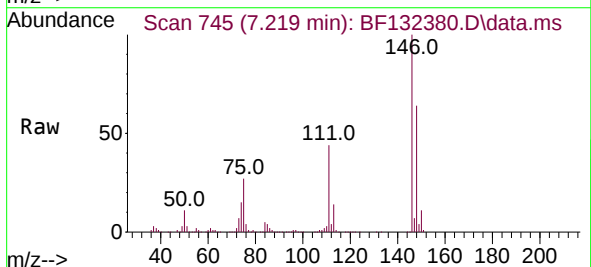
Tgt Ion:146 Resp: 463475

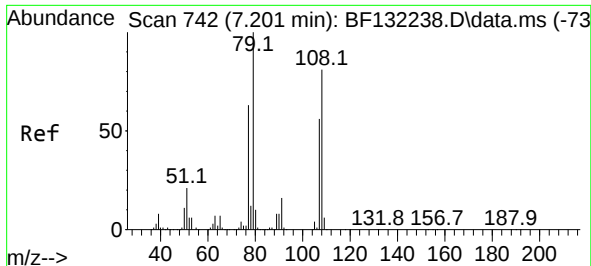
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

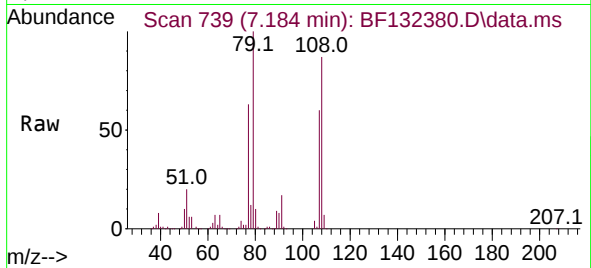
111 43.7 37.1 55.7





#15
Benzyl Alcohol
Concen: 34.228 ng
RT: 7.184 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



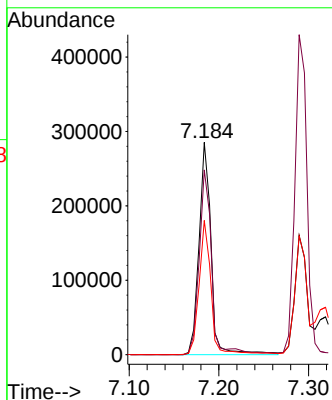
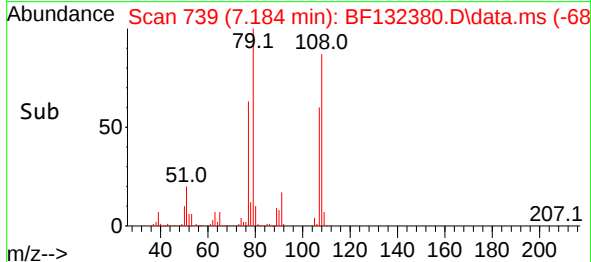
Tgt Ion: 79 Resp: 265255
Ion Ratio Lower Upper
79 100
108 87.1 64.6 97.0
77 63.2 50.1 75.1

Manual Integrations
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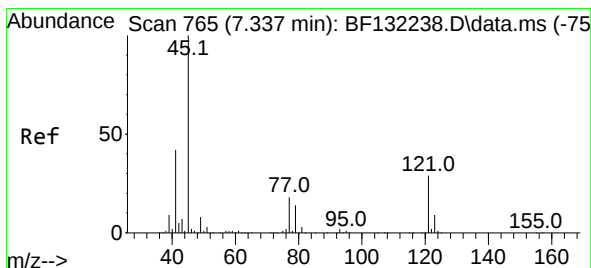
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

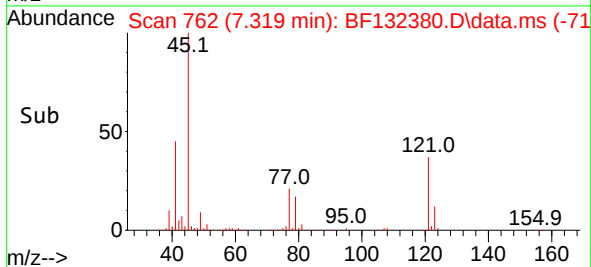
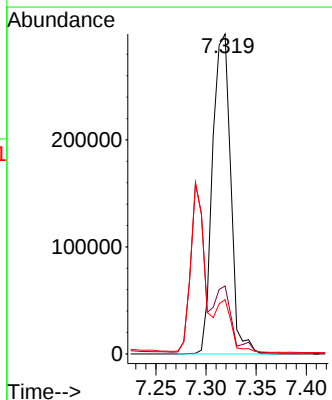
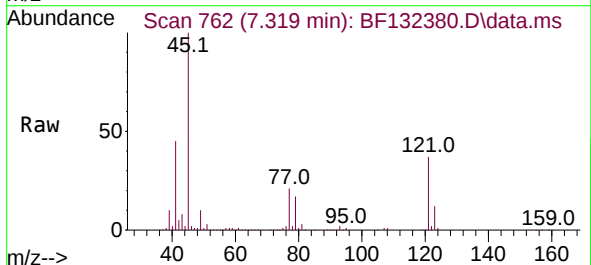


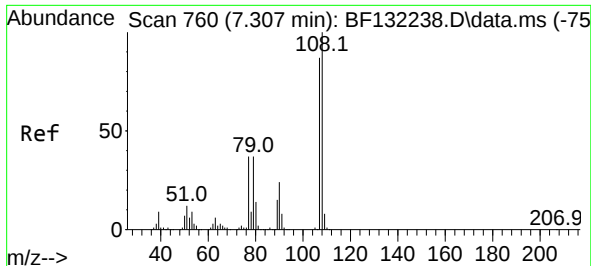
02/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.489 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

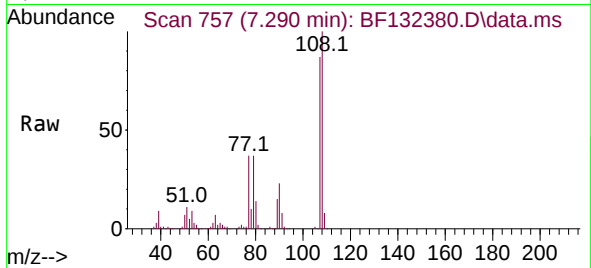
Tgt Ion: 45 Resp: 376408
Ion Ratio Lower Upper
45 100
77 21.2 0.0 38.0
79 16.9 0.0 33.8





#17
2-Methylphenol
Concen: 44.204 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



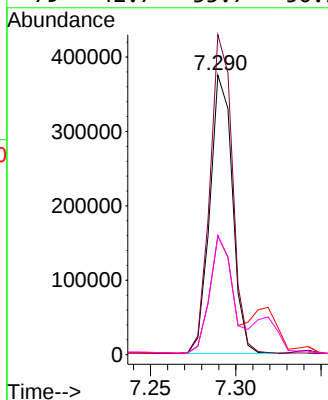
Tgt Ion:107 Resp: 345249
Ion Ratio Lower Upper
107 100
108 114.5 91.8 137.6
77 42.5 34.2 51.2
79 42.7 33.7 50.5

Manual Integrations
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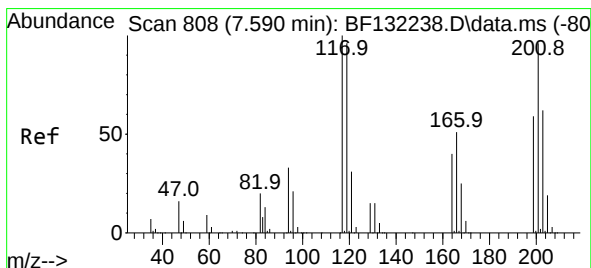
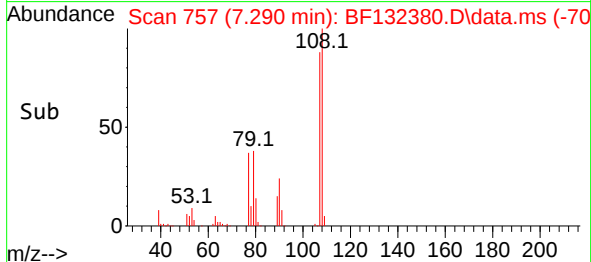
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

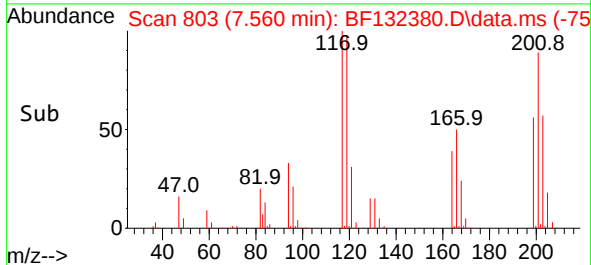
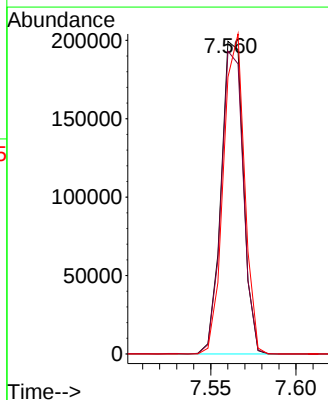
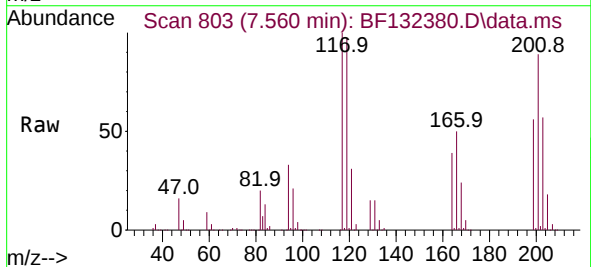


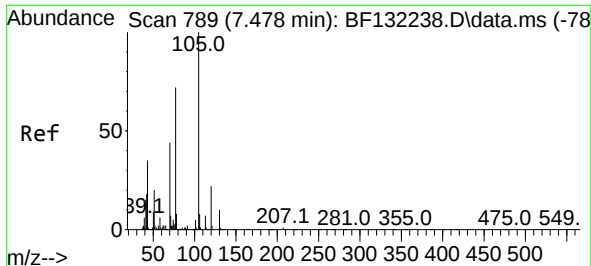
02/10/2023



#18
Hexachloroethane
Concen: 51.162 ng
RT: 7.560 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

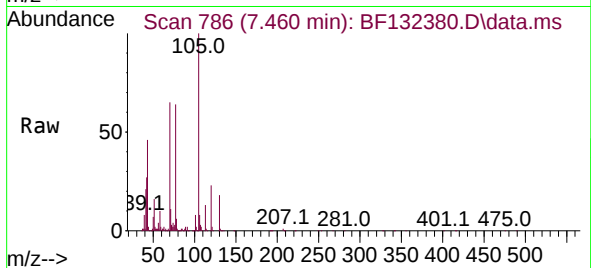
Tgt Ion:117 Resp: 180795
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1
201 88.6 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.824 ng
RT: 7.460 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



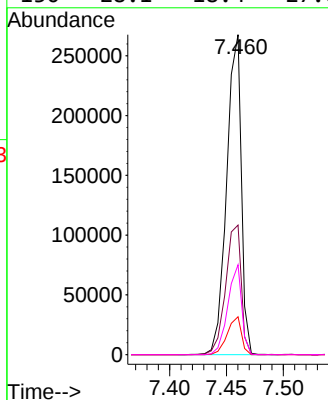
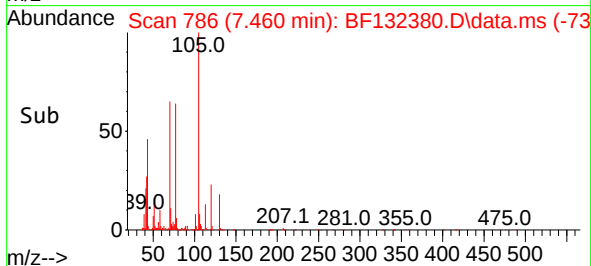
Tgt Ion: 70 Resp: 240250
Ion Ratio Lower Upper
70 100
42 40.5 33.4 50.0
101 11.8 8.2 12.4
130 28.1 18.4 27.6

Manual Integrations
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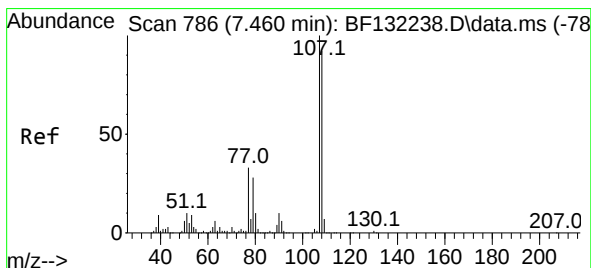
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

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Supervised By :Jagrut
Upadhyay

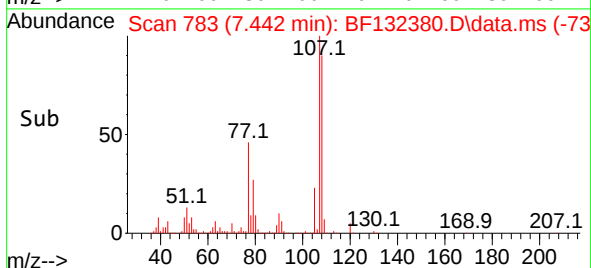
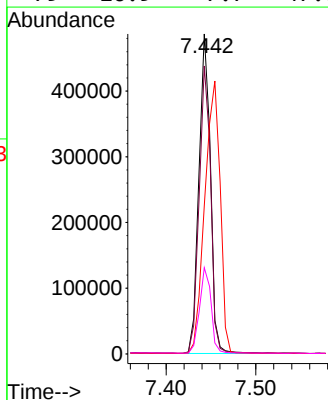
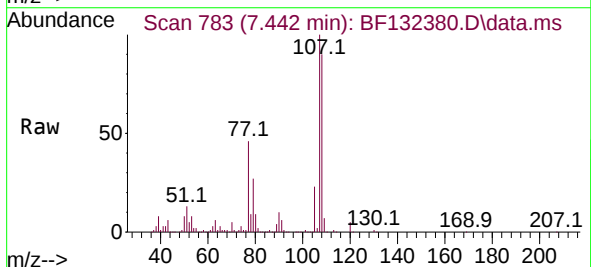


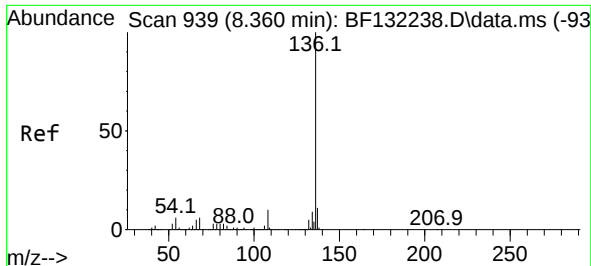
02/10/2023



#20
3+4-Methylphenols
Concen: 43.553 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

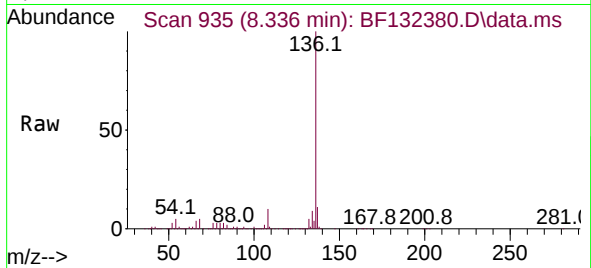
Tgt Ion:107 Resp: 434159
Ion Ratio Lower Upper
107 100
108 90.0 71.6 111.6
77 46.3 13.4 53.4
79 26.9 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 939
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



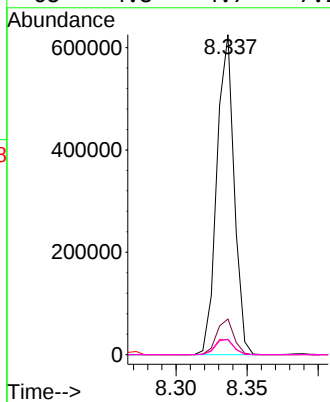
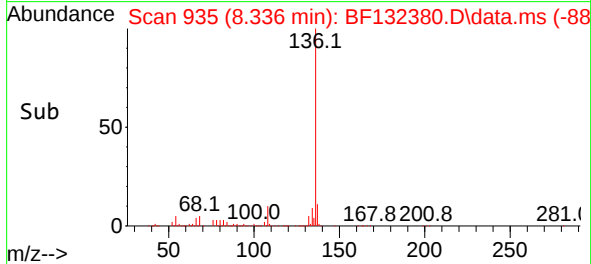
Tgt Ion:136 Resp: 530032
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.6 4.9 7.3
68 4.8 4.7 7.1

Manual Integrations
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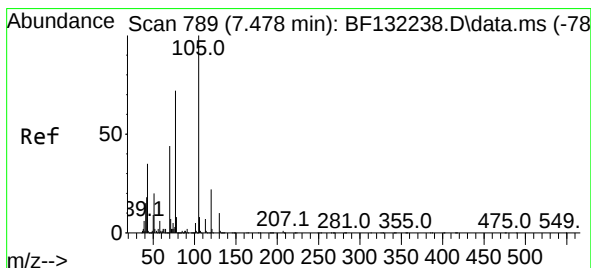
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

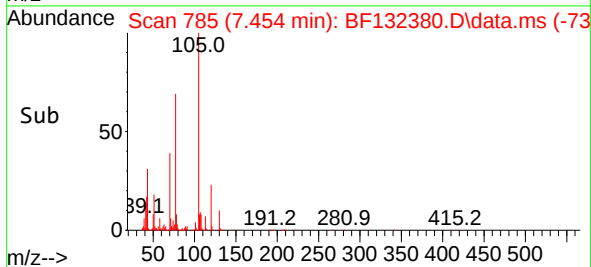
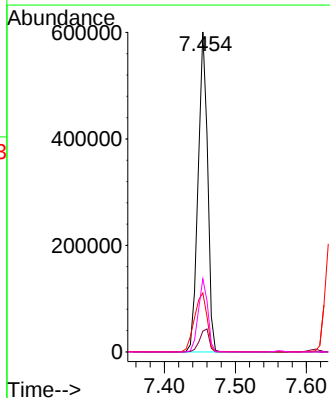
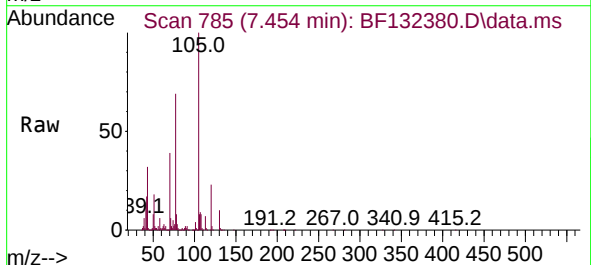


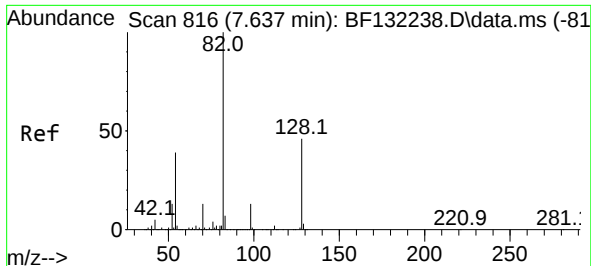
02/10/2023



#22
Acetophenone
Concen: 44.511 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

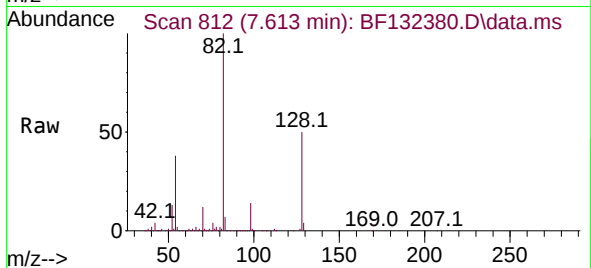
Tgt Ion:105 Resp: 554822
Ion Ratio Lower Upper
105 100
71 6.5 5.8 8.6
51 18.4 16.2 24.2
120 22.8 18.0 27.0





#23
Nitrobenzene-d5
Concen: 75.966 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



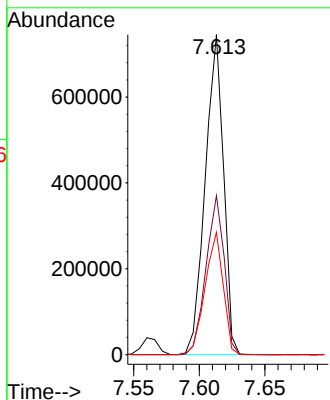
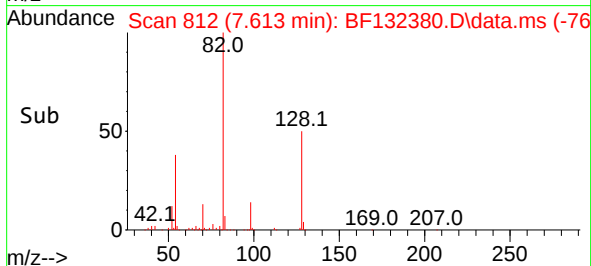
Tgt Ion: 82 Resp: 723562
Ion Ratio Lower Upper
82 100
128 49.7 37.0 55.4
54 38.2 31.5 47.3

Manual Integrations
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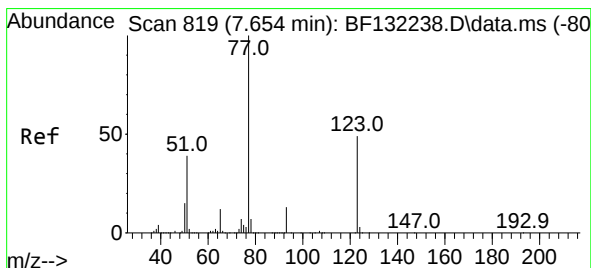
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

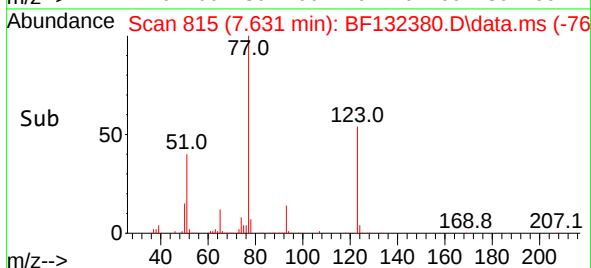
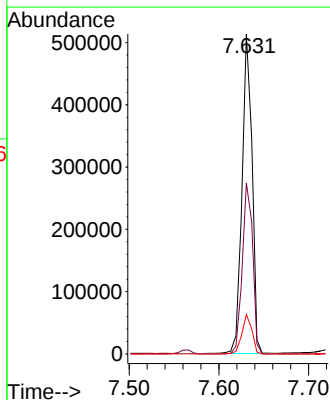
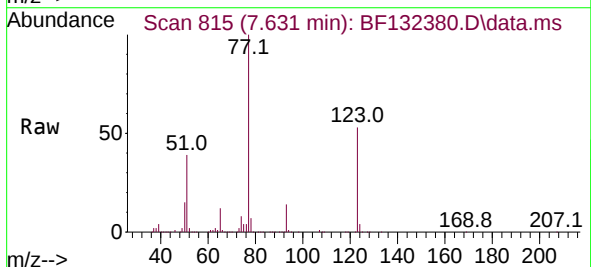


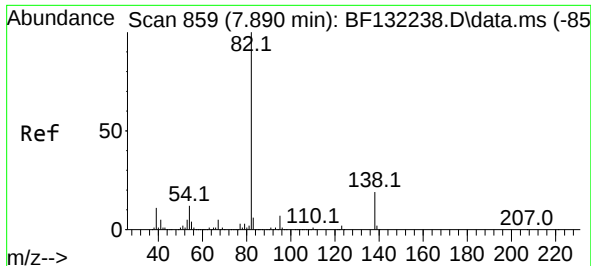
02/10/2023



#24
Nitrobenzene
Concen: 41.096 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

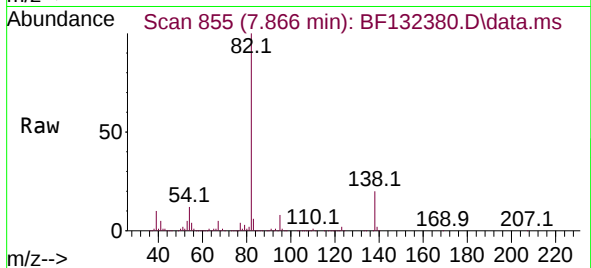
Tgt Ion: 77 Resp: 399893
Ion Ratio Lower Upper
77 100
123 53.4 39.5 59.3
65 12.3 9.8 14.8





#25
Isophorone
Concen: 41.244 ng
RT: 7.866 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



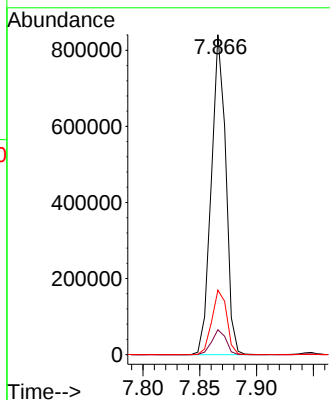
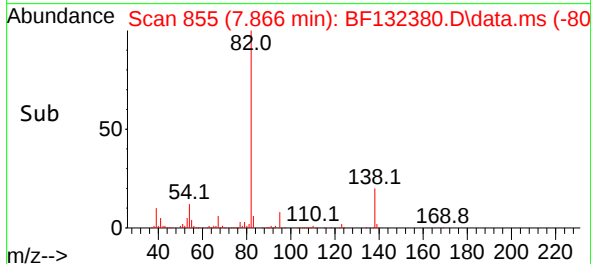
Tgt Ion: 82 Resp: 745618
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 20.1 15.0 22.6

Manual Integrations
APPROVED

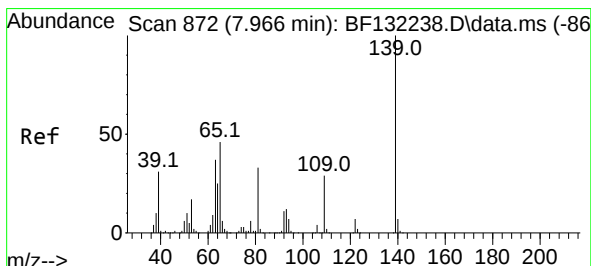
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

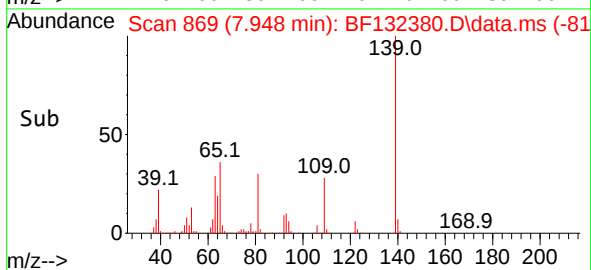
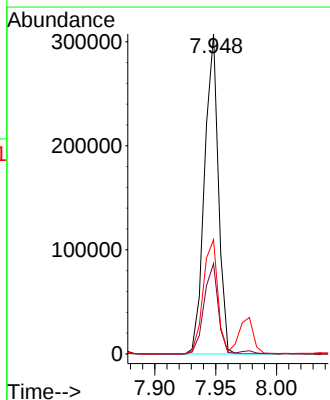
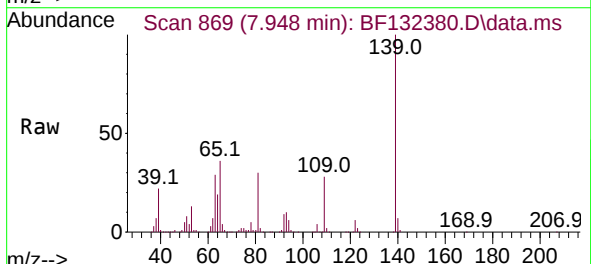


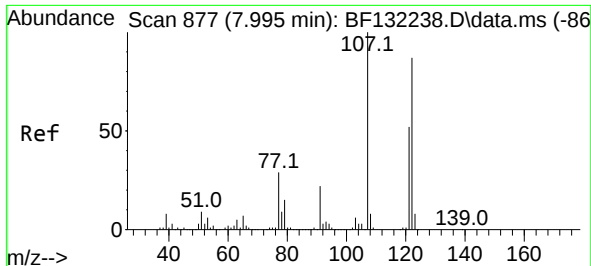
02/10/2023



#26
2-Nitrophenol
Concen: 51.385 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

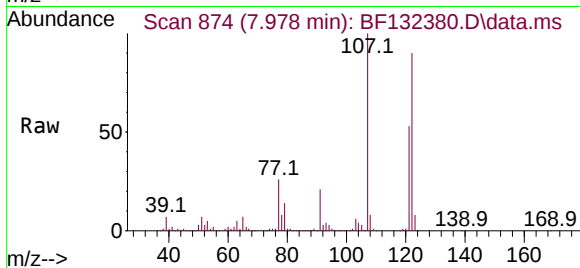
Tgt Ion:139 Resp: 243551
Ion Ratio Lower Upper
139 100
109 28.2 23.0 34.6
65 35.7 36.6 55.0#





#27
2,4-Dimethylphenol
Concen: 47.425 ng
RT: 7.978 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



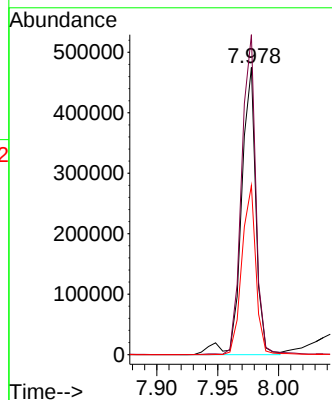
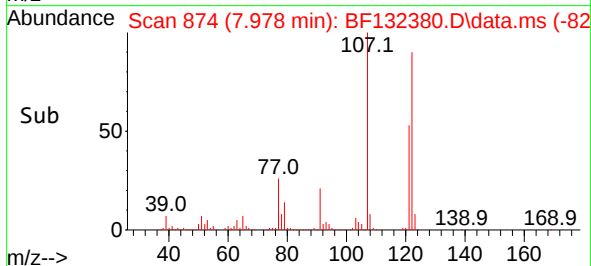
Tgt Ion:122 Resp: 393448
Ion Ratio Lower Upper
122 100
107 111.4 91.9 137.9
121 58.9 47.8 71.8

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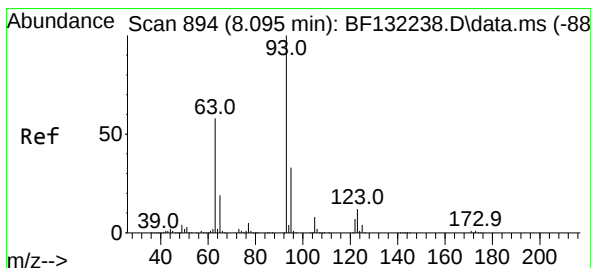
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

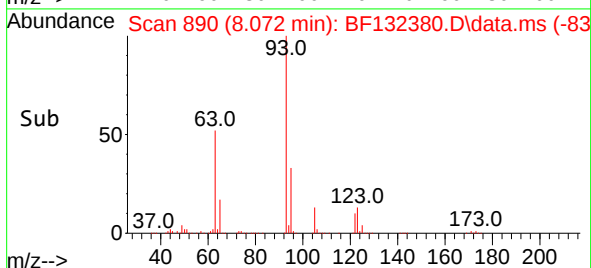
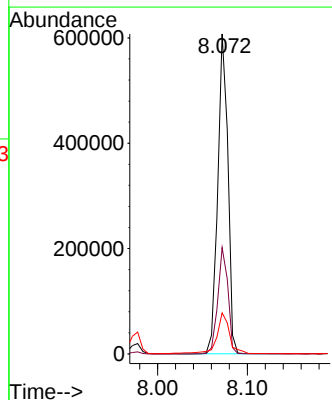
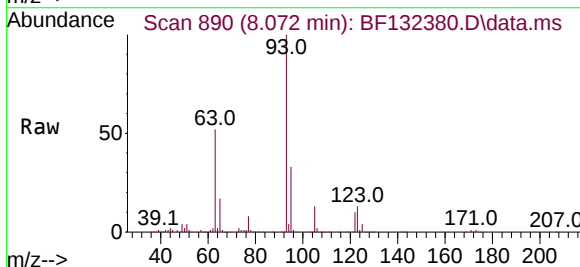


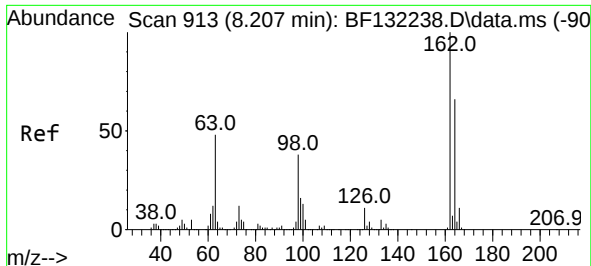
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#28
bis(2-Chloroethoxy)methane
Concen: 43.441 ng
RT: 8.072 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion: 93 Resp: 482608
Ion Ratio Lower Upper
93 100
95 33.2 26.6 40.0
123 12.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.814 ng

RT: 8.189 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

Tgt Ion:162	Resp: 36691
Ion Ratio	Lower Upper
162 100	
164 65.4	46.4 86.4
98 34.2	17.8 57.8

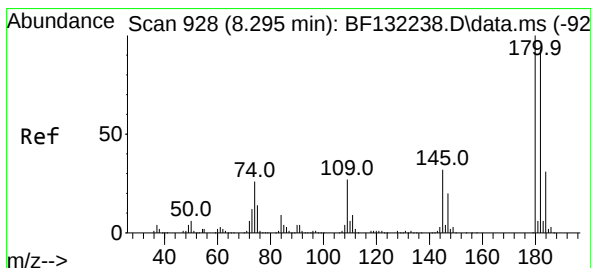
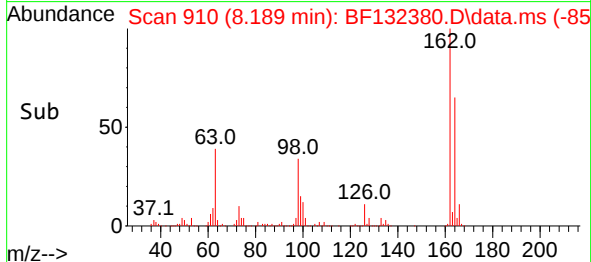
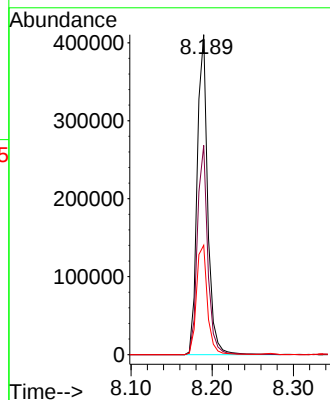
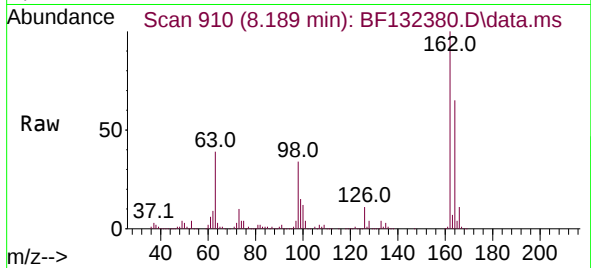
Manual Integrations
APPROVED

Reviewed By :Christian
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02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.381 ng

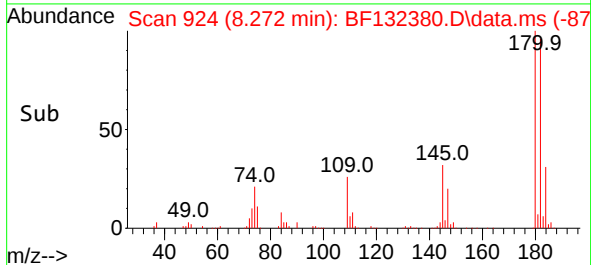
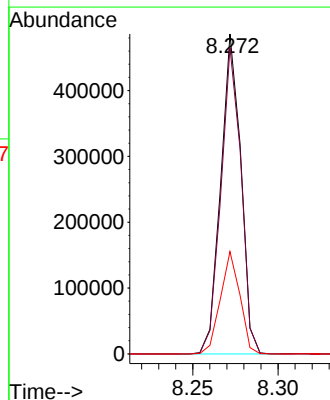
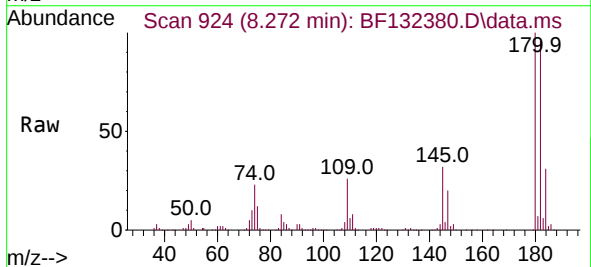
RT: 8.272 min Scan# 924

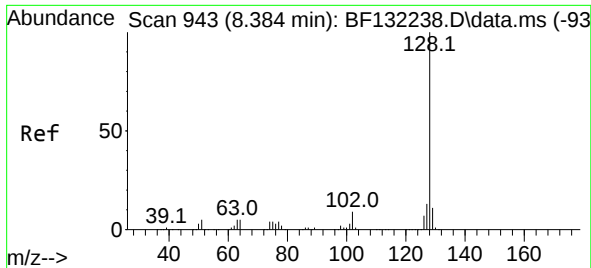
Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

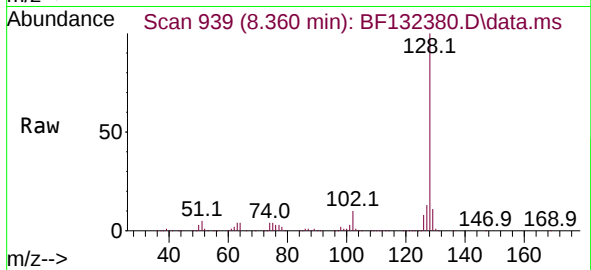
Tgt Ion:180	Resp: 397381
Ion Ratio	Lower Upper
180 100	
182 95.7	74.6 112.0
145 32.0	25.3 37.9





#31
Naphthalene
Concen: 45.956 ng
RT: 8.360 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



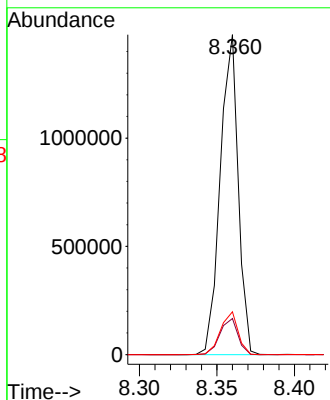
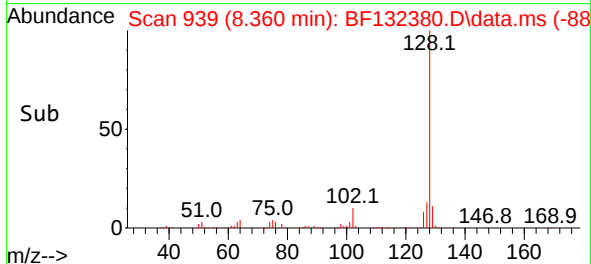
Tgt Ion:128 Resp: 1198972
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.4 10.5 15.7

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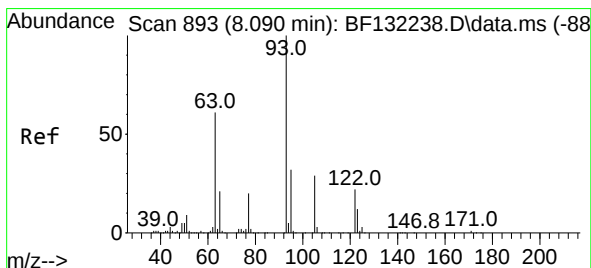
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

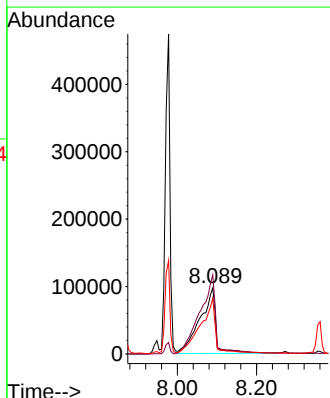
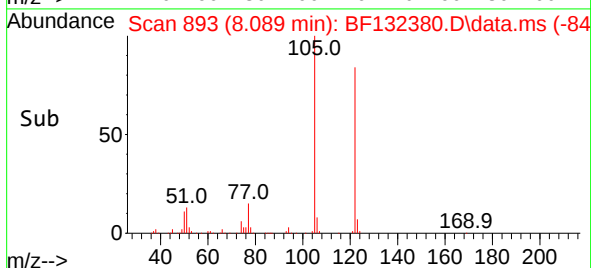
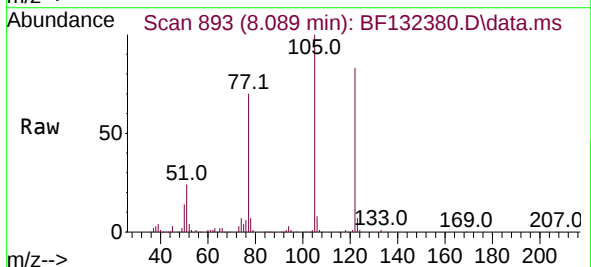


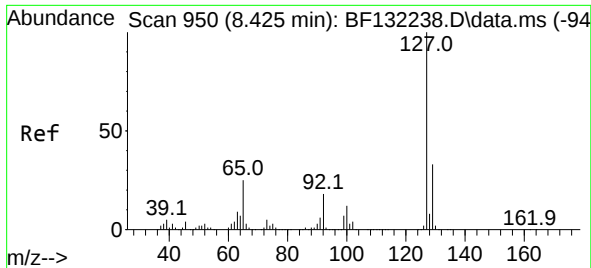
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#32
Benzoic acid
Concen: 44.368 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:122 Resp: 272459
Ion Ratio Lower Upper
122 100
105 120.0 106.3 146.3
77 84.5 70.6 110.6





#33
4-Chloroaniline
Concen: 6.629 ng m
RT: 8.507 min Scan# 90
Delta R.T. 0.106 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS

Tgt Ion:127 Resp: 76686
Ion Ratio Lower Upper
127 100
129 31.5 26.6 39.8
65 23.3 20.2 30.2
92 19.1 14.2 21.4

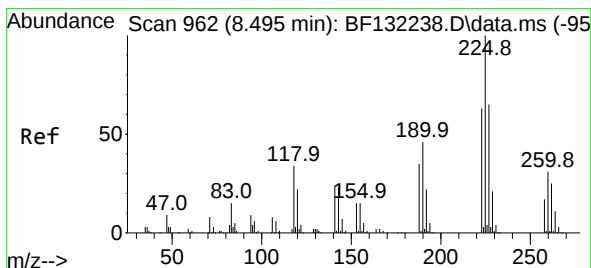
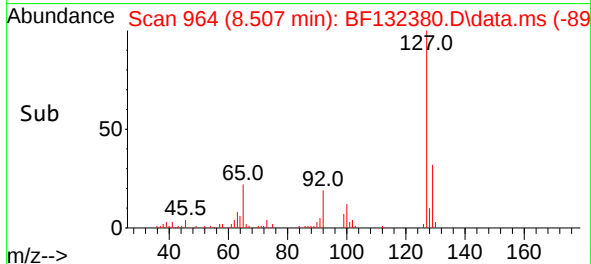
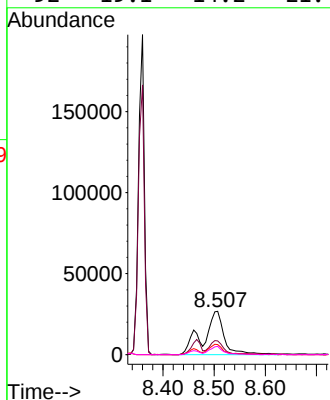
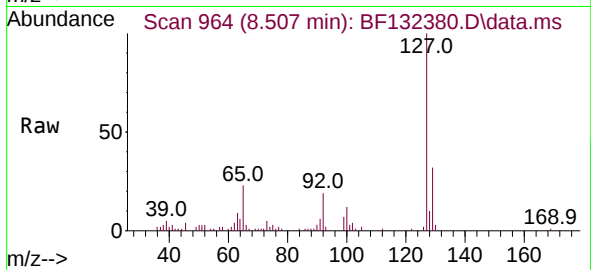
Manual Integrations
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Giraldo

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Supervised By :Jagrut
Upadhyay

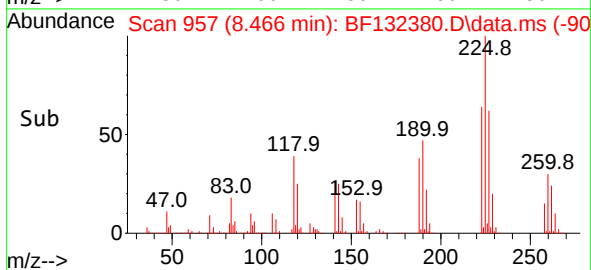
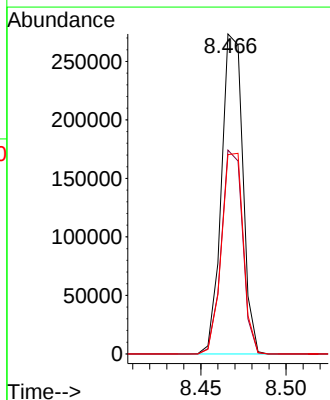
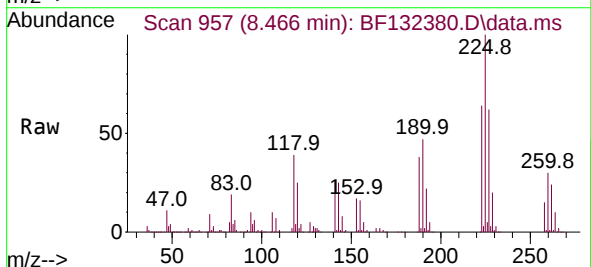
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Supervised By :Jagrut
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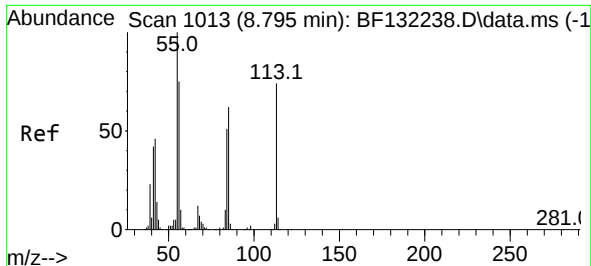
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#34
Hexachlorobutadiene
Concen: 53.617 ng
RT: 8.466 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

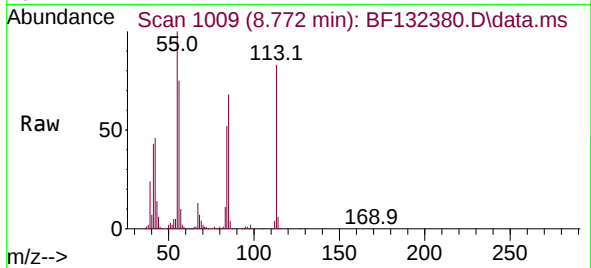
Tgt Ion:225 Resp: 237746
Ion Ratio Lower Upper
225 100
223 63.7 50.6 75.8
227 62.3 51.7 77.5





#35
Caprolactam
Concen: 49.712 ng m
RT: 8.772 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



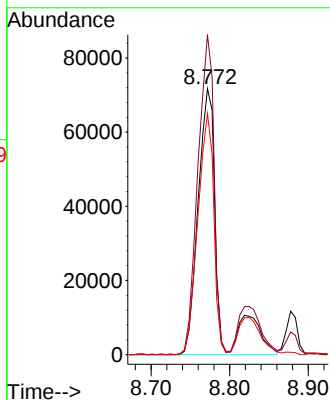
Tgt Ion:113 Resp: 124830
Ion Ratio Lower Upper
113 100
55 120.3 114.7 154.7
56 90.6 81.1 121.1

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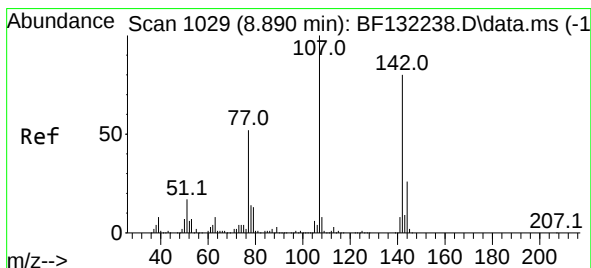
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

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Supervised By :Jagrut
Upadhyay

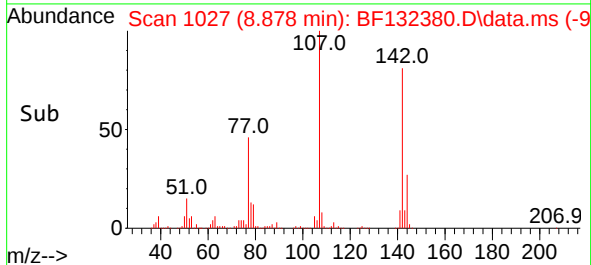
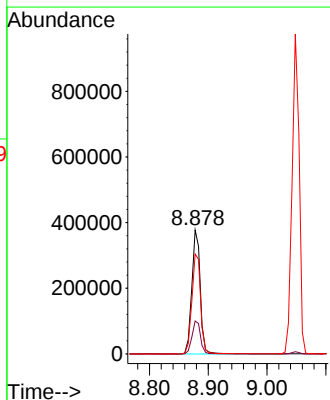
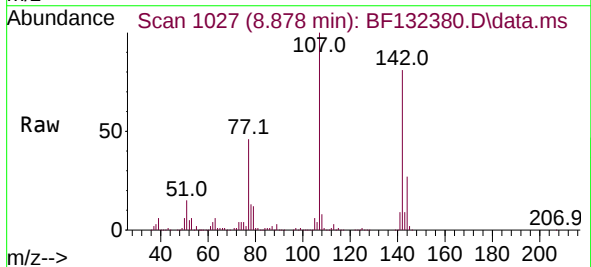


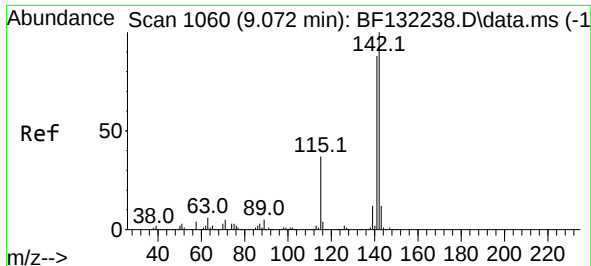
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#36
4-Chloro-3-methylphenol
Concen: 47.483 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:107 Resp: 376784
Ion Ratio Lower Upper
107 100
144 26.5 20.5 30.7
142 80.7 63.6 95.4





#37
2-Methylnaphthalene
Concen: 46.382 ng
RT: 9.048 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS

Tgt Ion:142 Resp: 819668
Ion Ratio Lower Upper
142 100
141 88.5 70.1 105.1

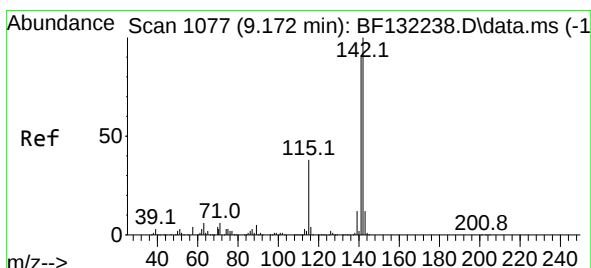
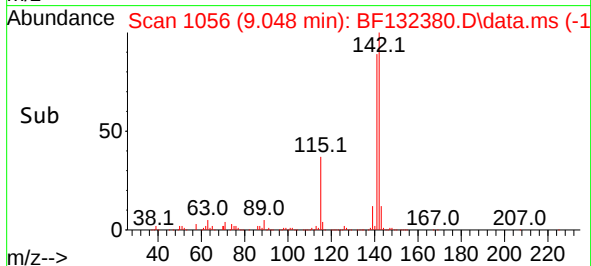
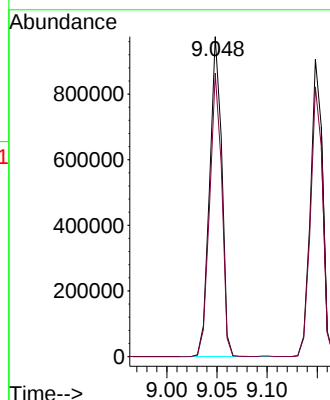
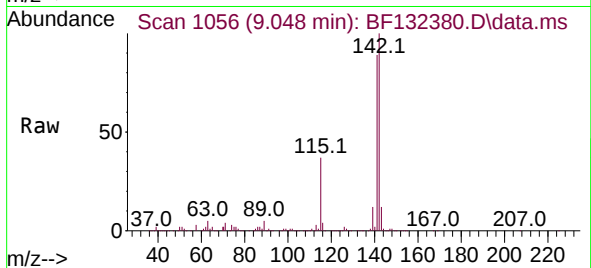
Manual Integrations
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Reviewed By :Christian
Giraldo

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Supervised By :Jagrut
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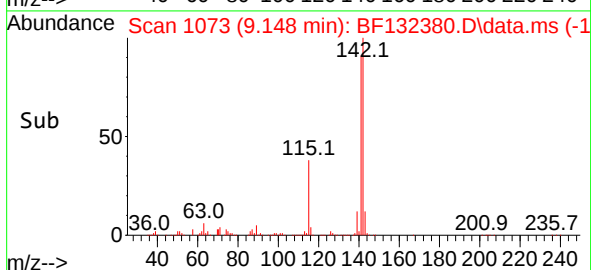
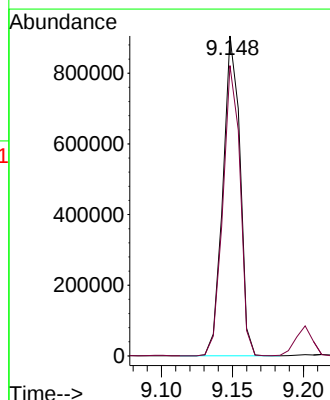
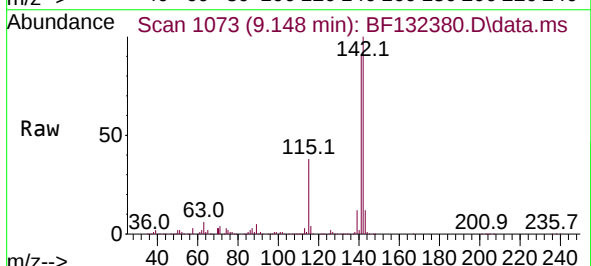
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Supervised By :Jagrut
Upadhyay

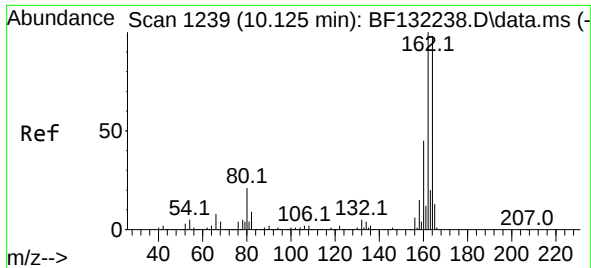
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#38
1-Methylnaphthalene
Concen: 46.189 ng
RT: 9.148 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

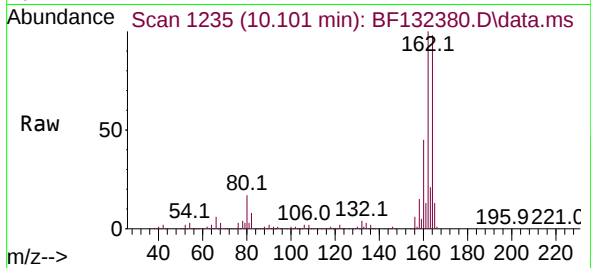
Tgt Ion:142 Resp: 758555
Ion Ratio Lower Upper
142 100
141 90.7 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



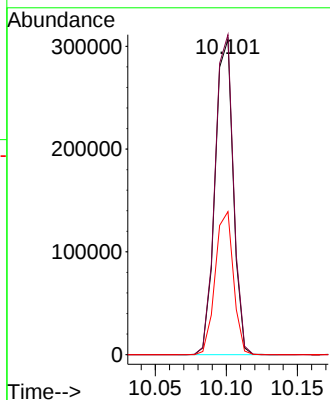
Tgt Ion:164 Resp: 273838
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 45.3 37.1 55.7

Manual Integrations
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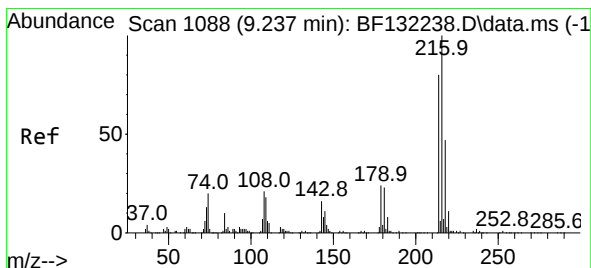
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

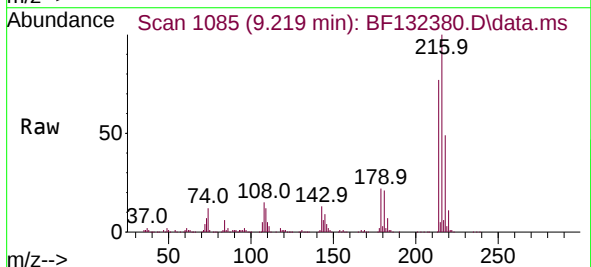
02/10/2023
Supervised By :Jagrut
Upadhyay



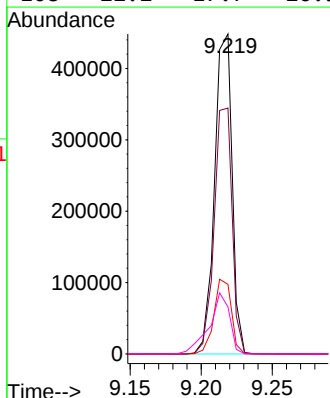
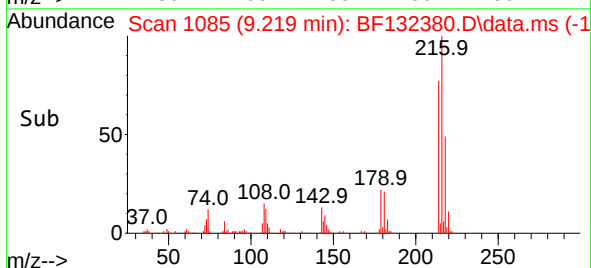
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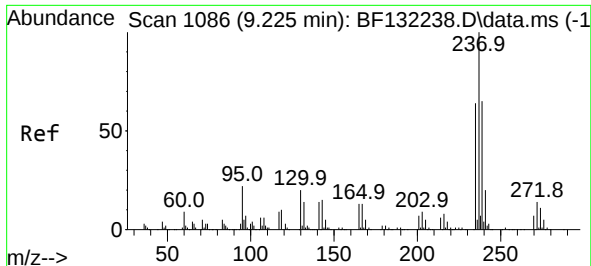


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.122 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58



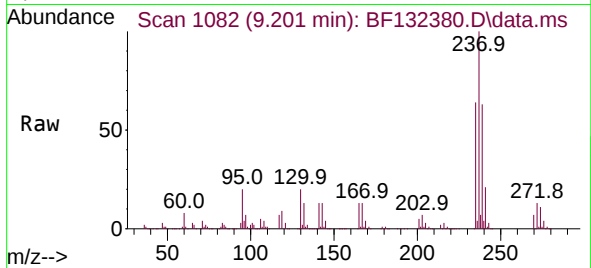
Tgt Ion:216 Resp: 386242
Ion Ratio Lower Upper
216 100
214 78.4 63.6 95.4
179 23.1 18.3 27.5
108 22.2 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 120.610 ng
RT: 9.201 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



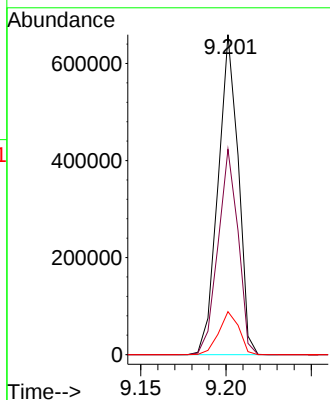
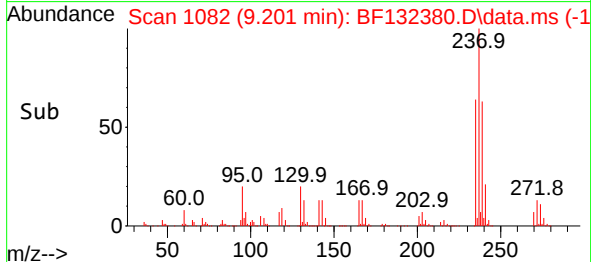
Tgt Ion: 237 Resp: 542259
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 13.4 0.0 33.6

Manual Integrations
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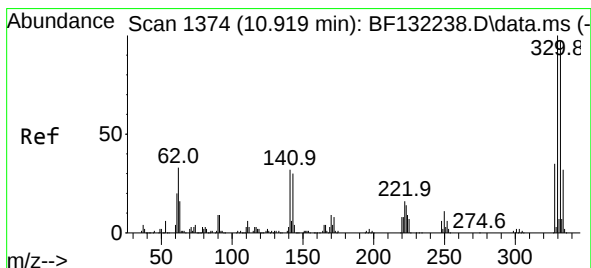
Reviewed By : Christian
Giraldo

02/10/2023
Supervised By : Jagrut
Upadhyay

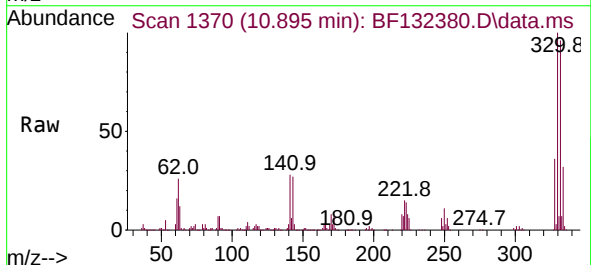
02/10/2023
Supervised By : Jagrut
Upadhyay



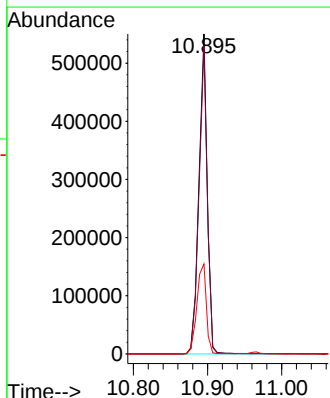
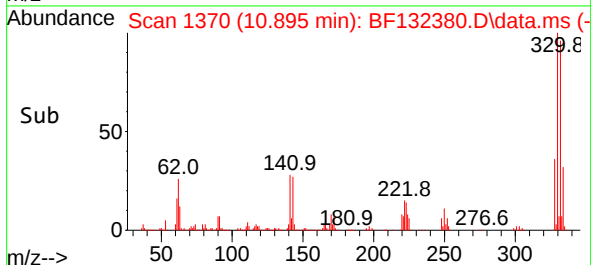
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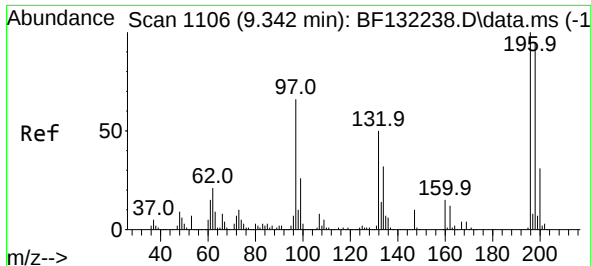


#42
2,4,6-Tribromophenol
Concen: 153.354 ng
RT: 10.895 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58



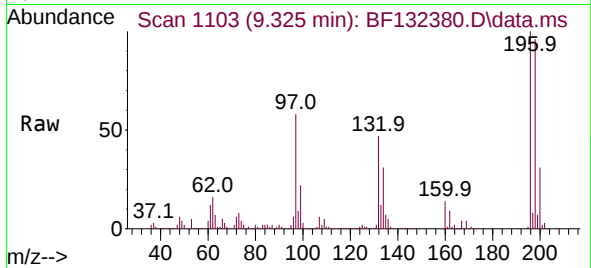
Tgt Ion: 330 Resp: 431852
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 32.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 50.092 ng
RT: 9.325 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



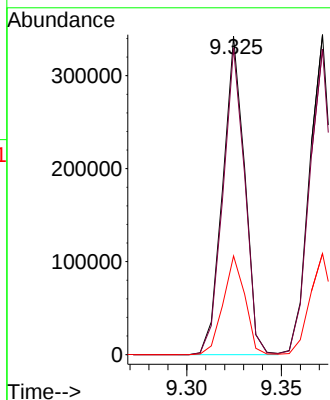
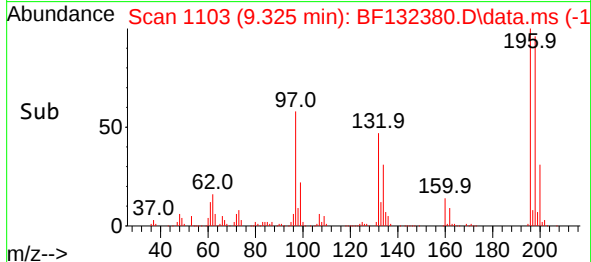
Tgt Ion:196 Resp: 275935
Ion Ratio Lower Upper
196 100
198 96.4 75.9 113.9
200 31.0 24.7 37.1

Manual Integrations
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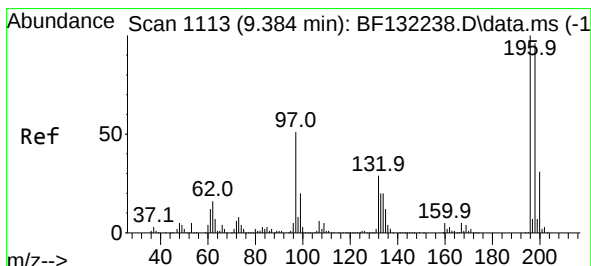
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

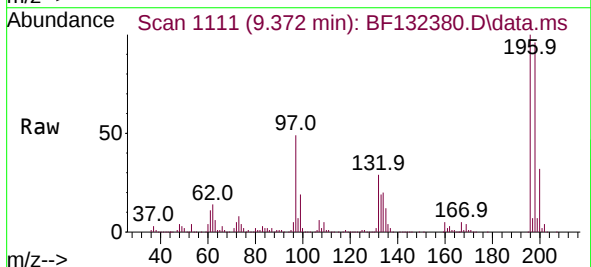
02/10/2023
Supervised By :Jagrut
Upadhyay



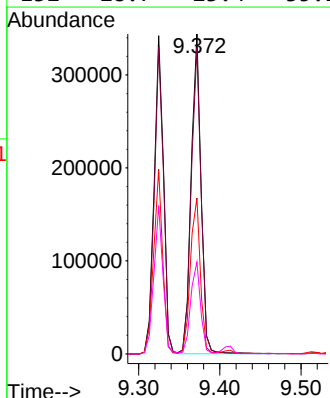
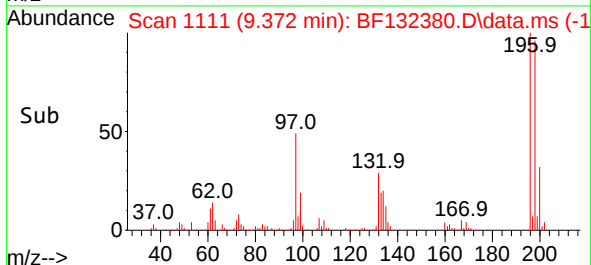
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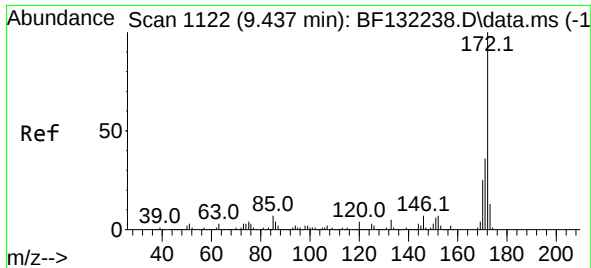


#44
2,4,5-Trichlorophenol
Concen: 45.533 ng
RT: 9.372 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58



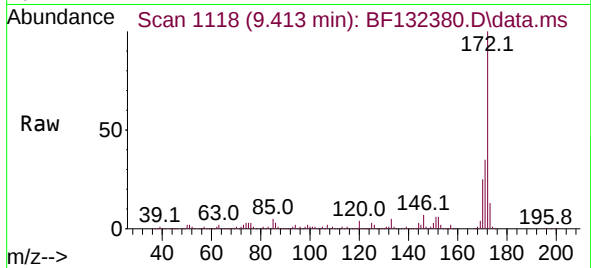
Tgt Ion:196 Resp: 288691
Ion Ratio Lower Upper
196 100
198 95.5 77.0 115.4
97 48.7 41.2 61.8
132 28.7 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 79.061 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



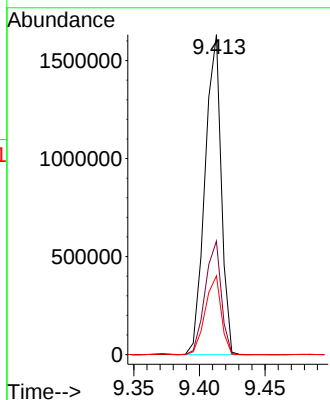
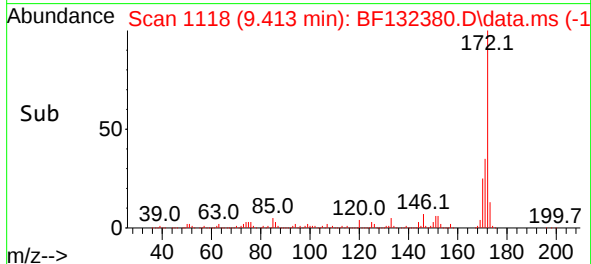
Tgt Ion:172 Resp: 1401963
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.6 19.7 29.5

Manual Integrations
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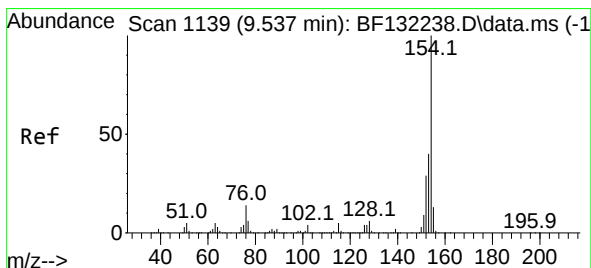
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

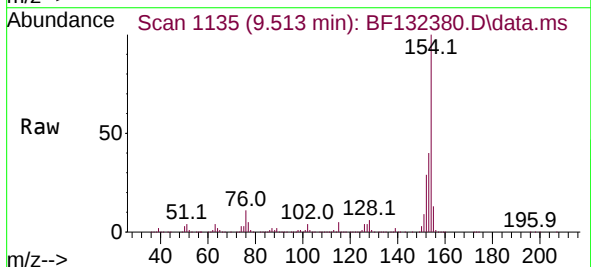
02/10/2023
Supervised By :Jagrut
Upadhyay



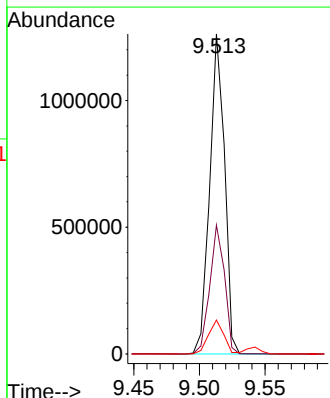
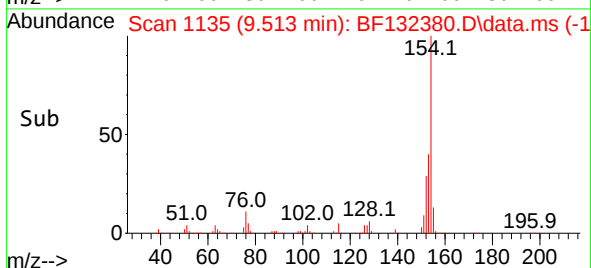
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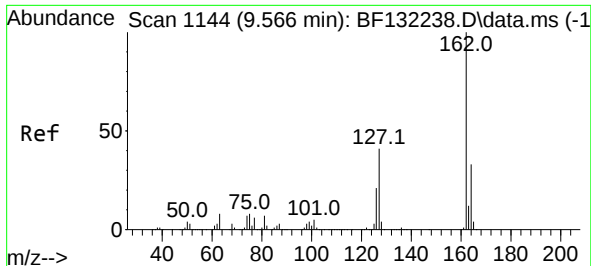


#46
1,1'-Biphenyl
Concen: 47.176 ng
RT: 9.513 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58



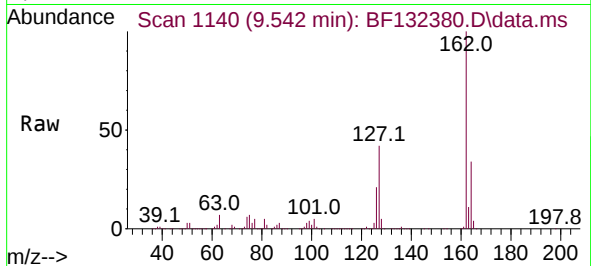
Tgt Ion:154 Resp: 995953
Ion Ratio Lower Upper
154 100
153 40.2 19.9 59.9
76 10.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 48.282 ng
RT: 9.542 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



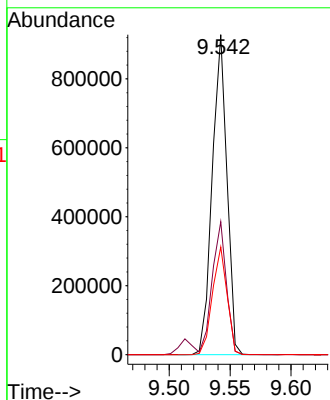
Tgt Ion:162 Resp: 776353
Ion Ratio Lower Upper
162 100
127 41.5 33.3 49.9
164 33.6 26.8 40.2

Manual Integrations
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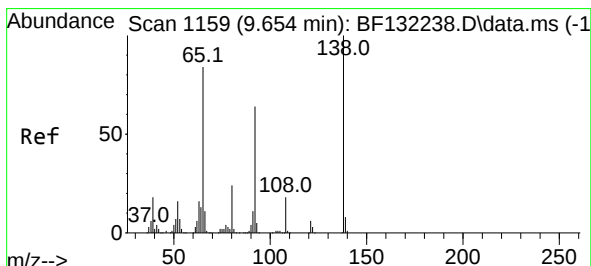
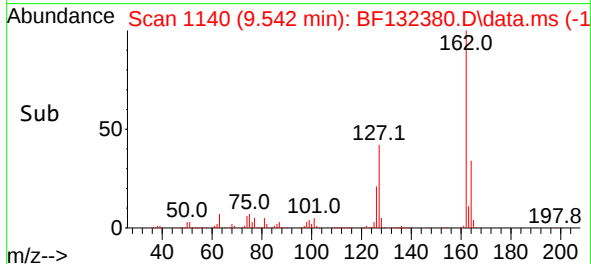
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

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Supervised By :Jagrut
Upadhyay

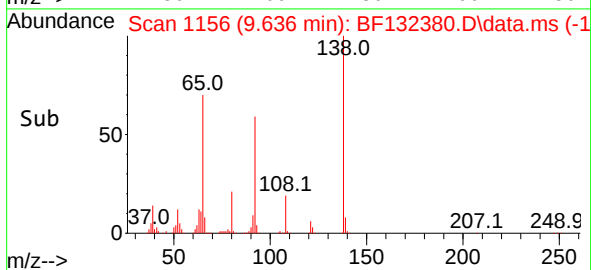
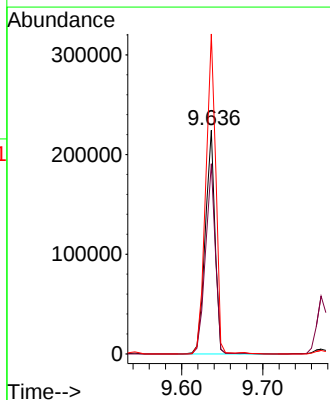
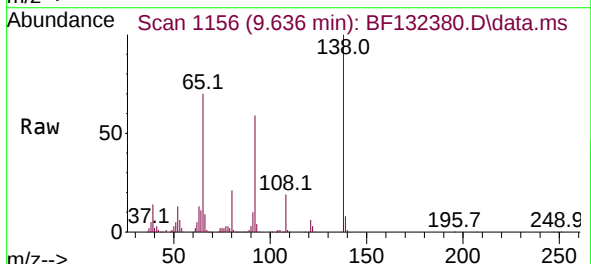


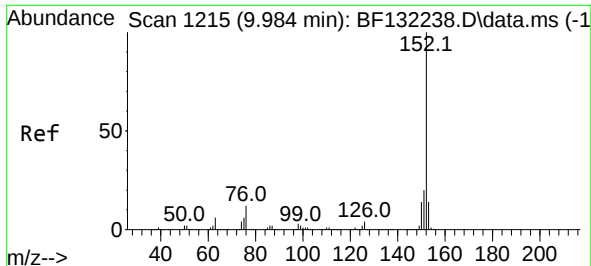
02/10/2023



#48
2-Nitroaniline
Concen: 39.551 ng
RT: 9.636 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion: 65 Resp: 189139
Ion Ratio Lower Upper
65 100
92 85.0 61.0 91.4
138 143.1 95.0 142.4#





#49

Acenaphthylene

Concen: 46.397 ng

RT: 9.960 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

Tgt Ion:152 Resp: 1217574

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.8	10.9	16.3

Manual Integrations
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Reviewed By :Christian
Giraldo

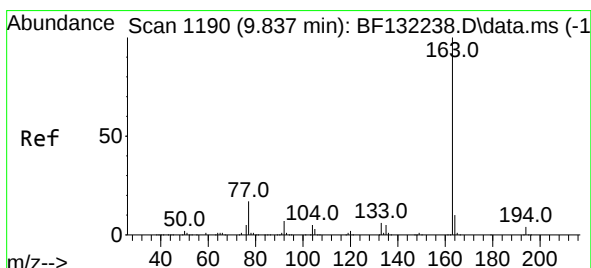
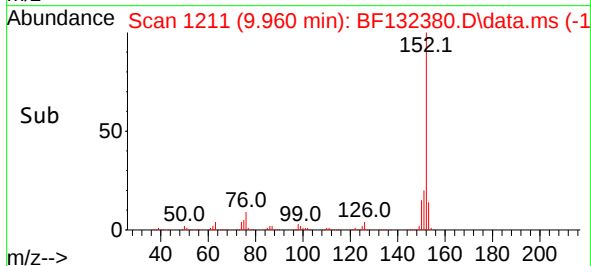
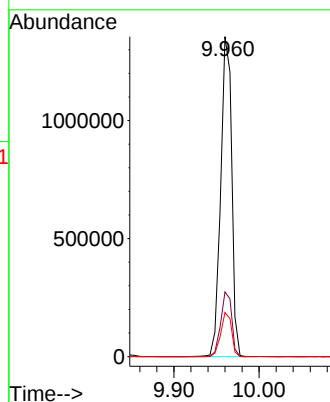
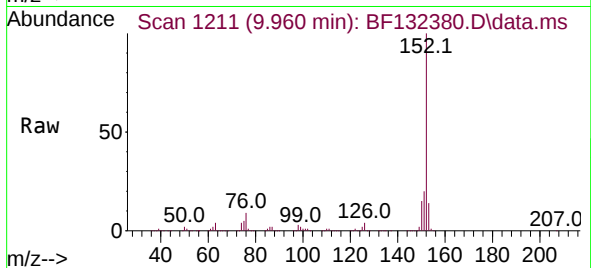
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Upadhyay

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Upadhyay

02/10/2023



#50

Dimethylphthalate

Concen: 48.833 ng

RT: 9.813 min Scan# 1186

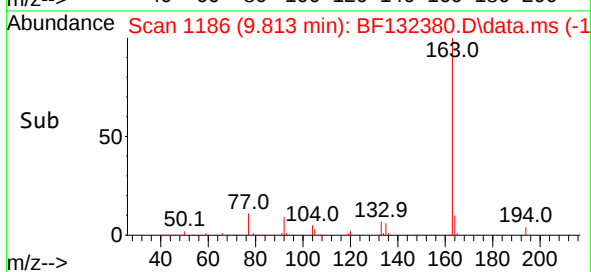
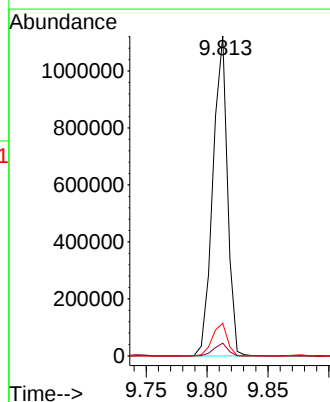
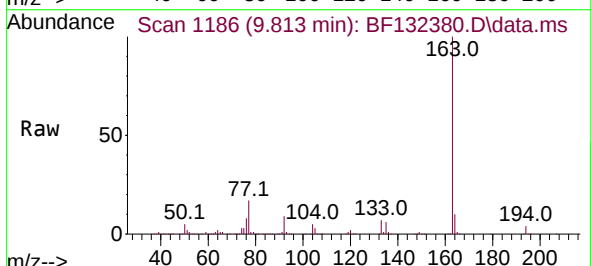
Delta R.T. 0.000 min

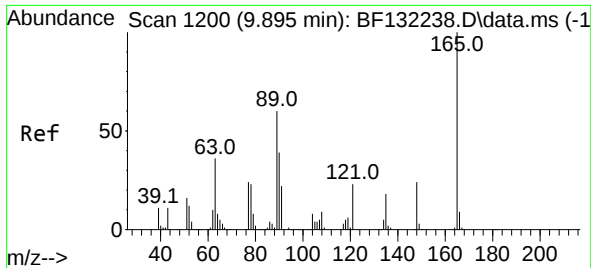
Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Tgt Ion:163 Resp: 935411

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.2	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 49.901 ng
RT: 9.878 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS

Tgt Ion:165 Resp: 213472
Ion Ratio Lower Upper
165 100
63 37.7 41.5 62.3
89 48.9 48.1 72.1

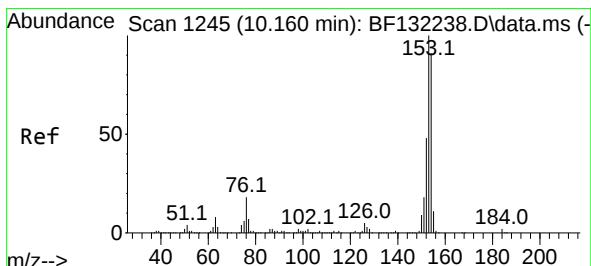
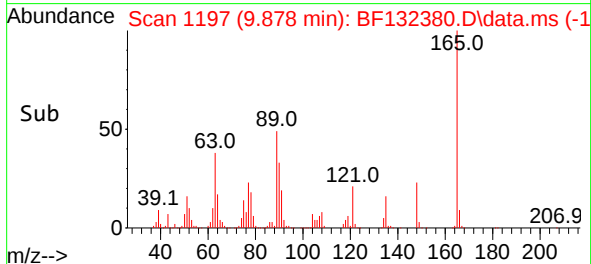
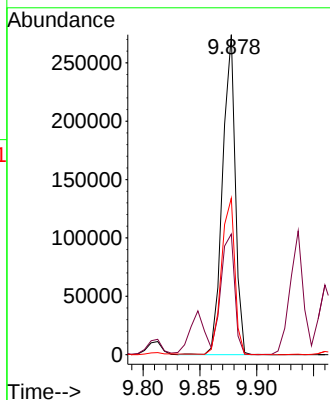
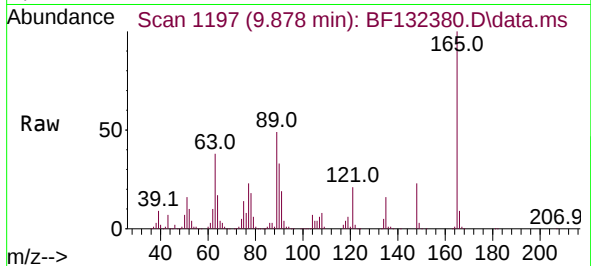
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

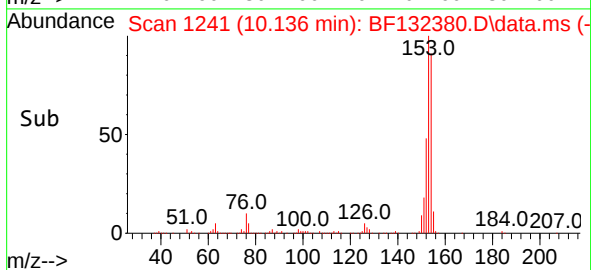
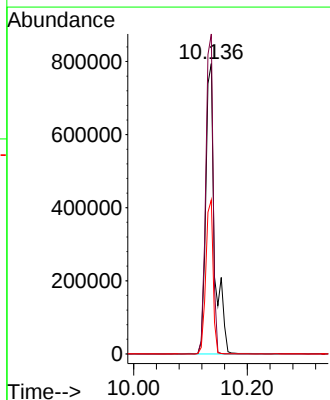
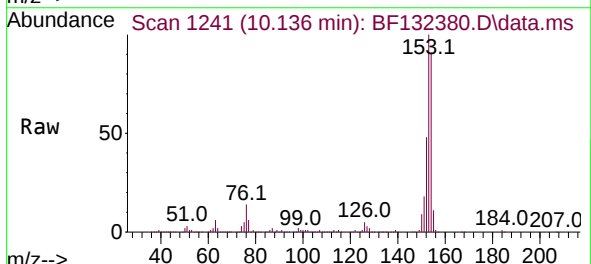
02/10/2023
Supervised By :Jagrut
Upadhyay

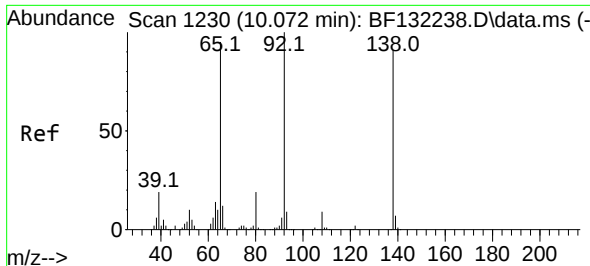
02/10/2023



#52
Acenaphthene
Concen: 53.349 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

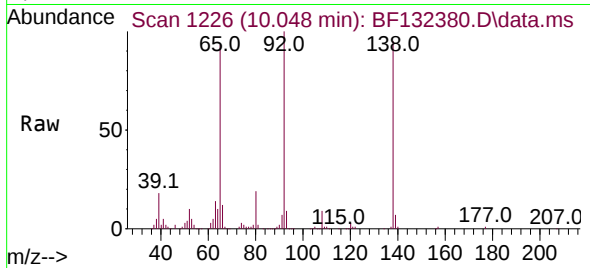
Tgt Ion:154 Resp: 876503
Ion Ratio Lower Upper
154 100
153 110.2 88.3 132.5
152 53.1 42.7 64.1





#53
3-Nitroaniline
Concen: 25.177 ng
RT: 10.048 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



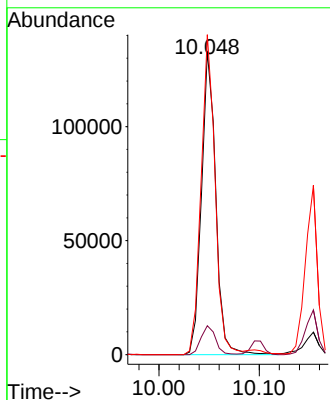
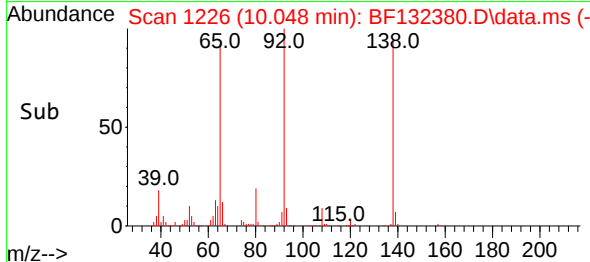
Tgt Ion:138 Resp: 130620
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 105.6 88.3 132.5

Manual Integrations
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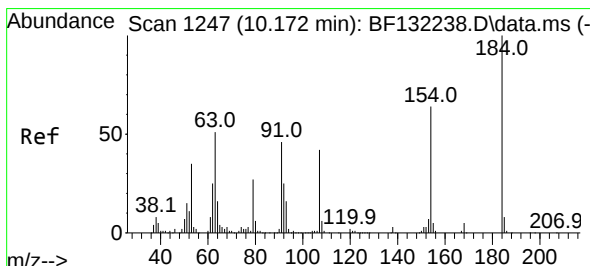
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

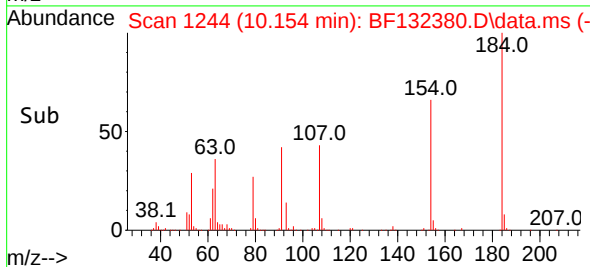
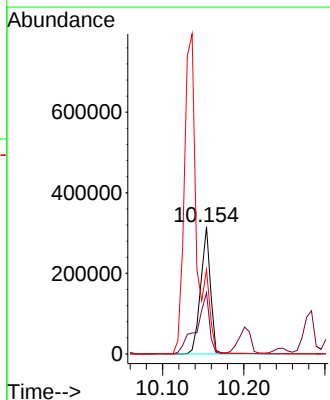
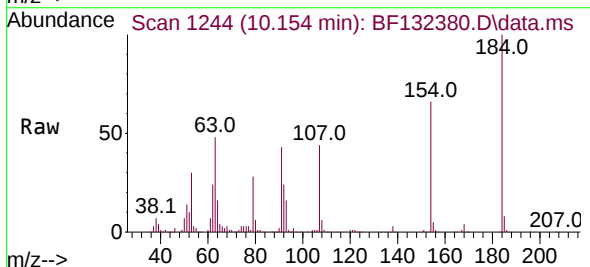


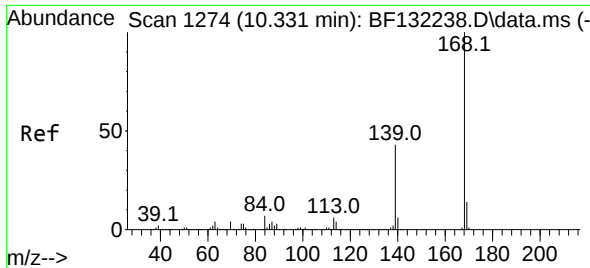
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#54
2,4-Dinitrophenol
Concen: 106.090 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

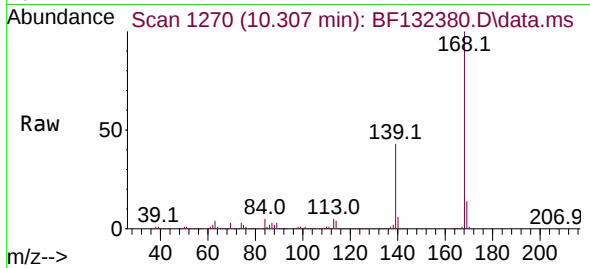
Tgt Ion:184 Resp: 266787
Ion Ratio Lower Upper
184 100
63 48.1 41.6 62.4
154 66.3 57.0 85.6





#55
Dibenzenofuran
Concen: 46.566 ng
RT: 10.307 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



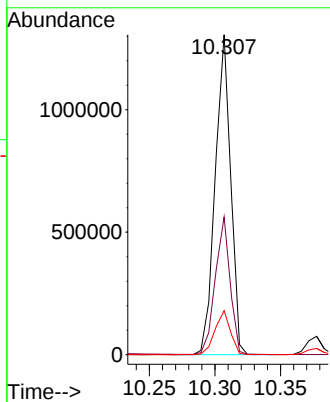
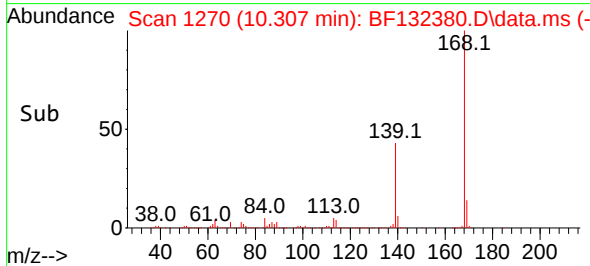
Tgt Ion:168 Resp: 1074932
Ion Ratio Lower Upper
168 100
139 43.0 34.2 51.4
169 13.8 11.2 16.8

Manual Integrations
APPROVED

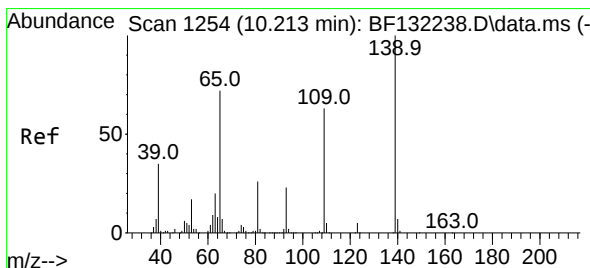
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

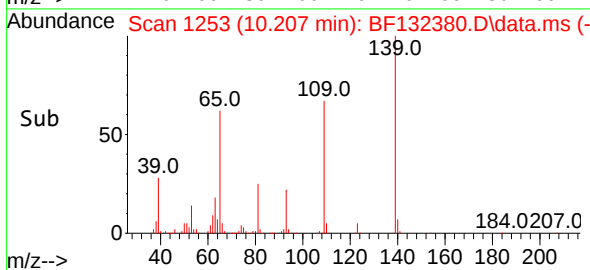
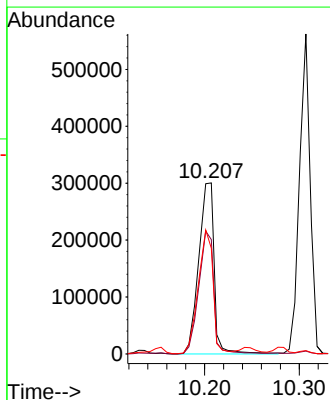
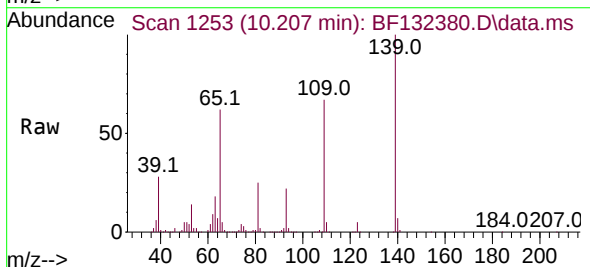


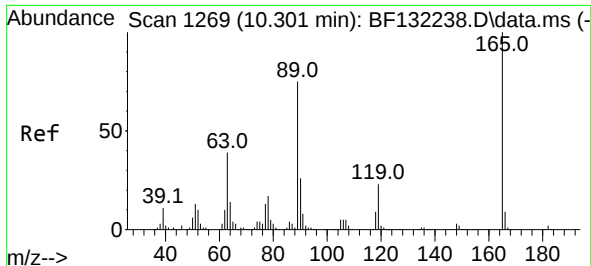
02/10/2023



#56
4-Nitrophenol
Concen: 87.490 ng
RT: 10.207 min Scan# 1253
Delta R.T. 0.018 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

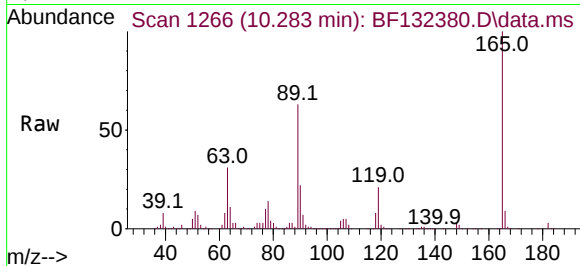
Tgt Ion:139 Resp: 341562
Ion Ratio Lower Upper
139 100
109 66.9 43.3 83.3
65 61.8 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 51.340 ng
RT: 10.283 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



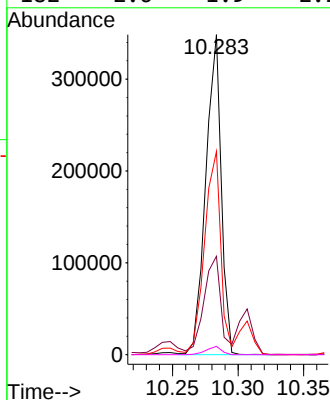
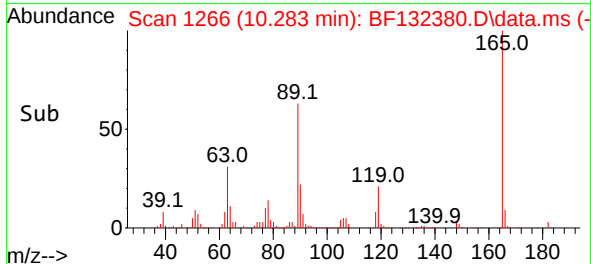
Tgt Ion:165 Resp: 285309
Ion Ratio Lower Upper
165 100
63 30.7 30.9 46.3
89 63.5 60.1 90.1
182 2.6 1.9 2.9

Manual Integrations
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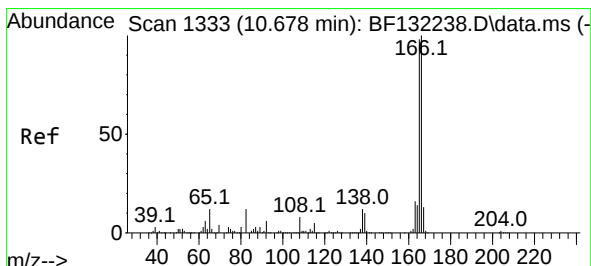
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

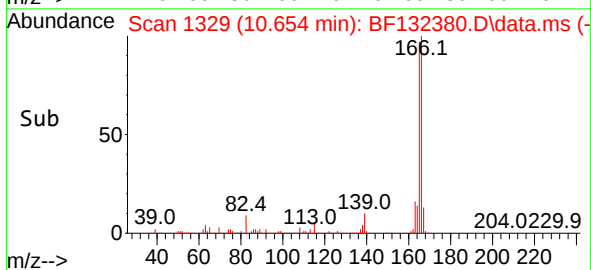
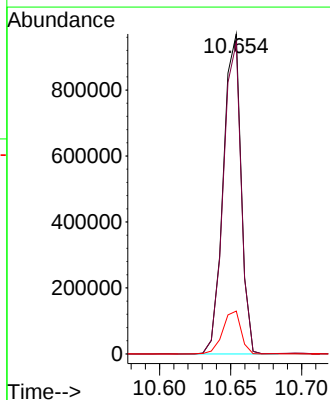
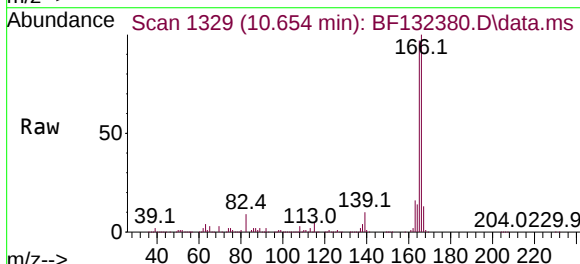


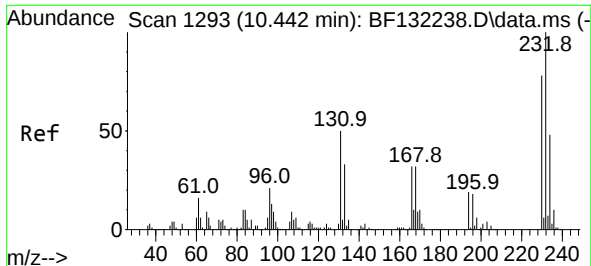
02/10/2023



#58
Fluorene
Concen: 47.705 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

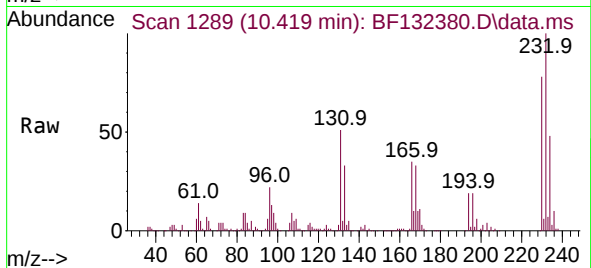
Tgt Ion:166 Resp: 847515
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.644 ng
RT: 10.419 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



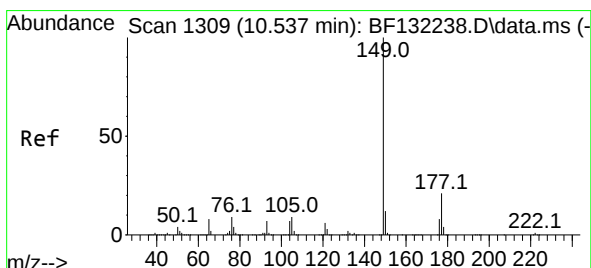
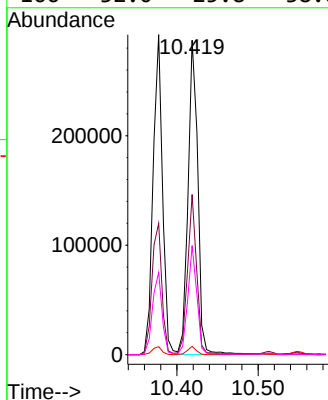
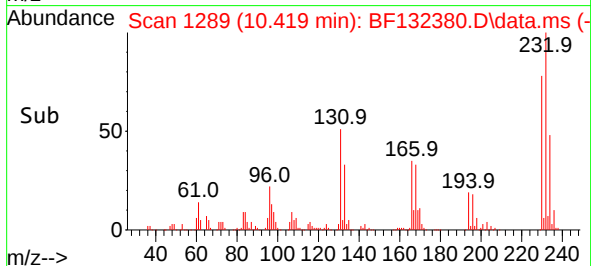
Tgt Ion:232 Resp: 238710
Ion Ratio Lower Upper
232 100
131 47.7 40.6 61.0
130 2.3 1.9 2.9
166 32.0 25.8 38.8

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

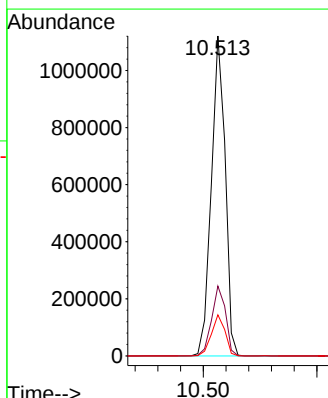
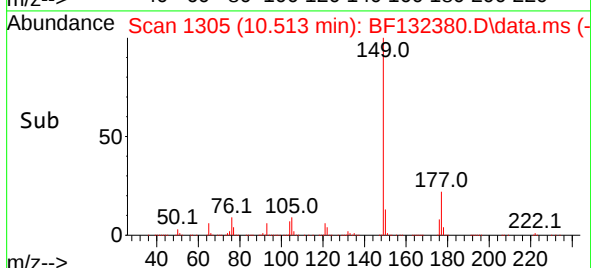
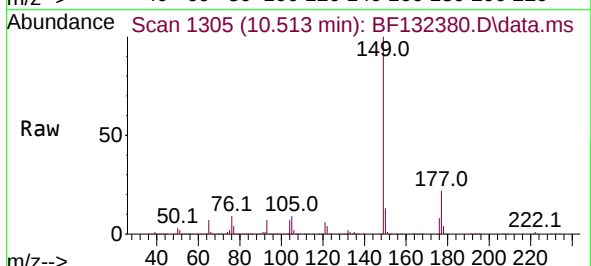
02/10/2023
Supervised By :Jagrut
Upadhyay

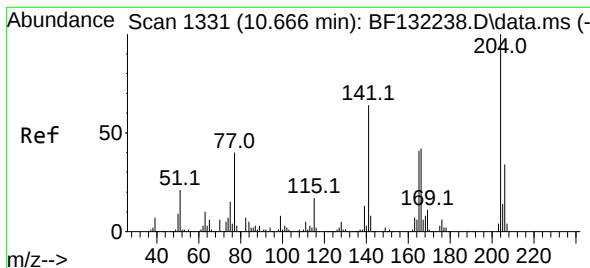
02/10/2023
Supervised By :Jagrut
Upadhyay



#60
Diethylphthalate
Concen: 49.868 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

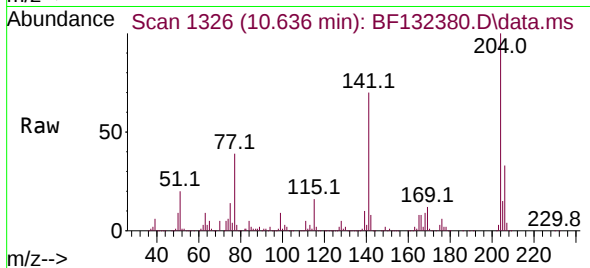
Tgt Ion:149 Resp: 950265
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.036 ng
RT: 10.636 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



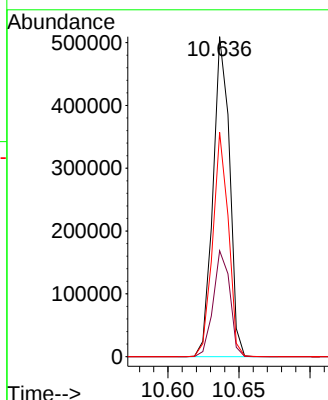
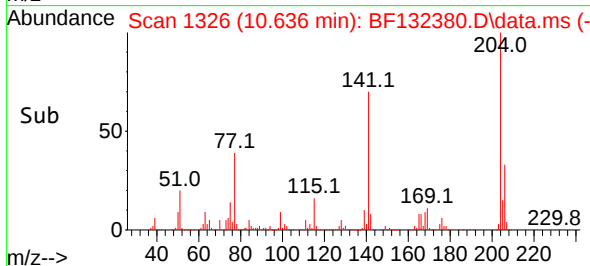
Tgt Ion:204 Resp: 413434
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 70.1 51.4 77.0

Manual Integrations
APPROVED

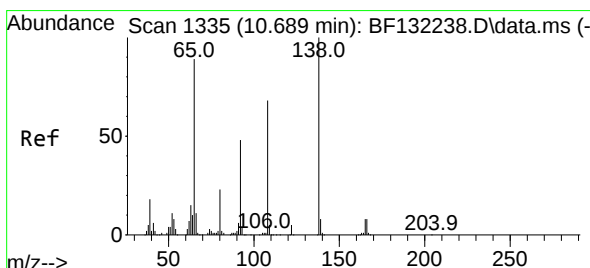
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

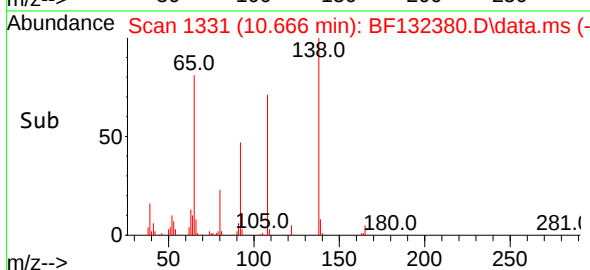
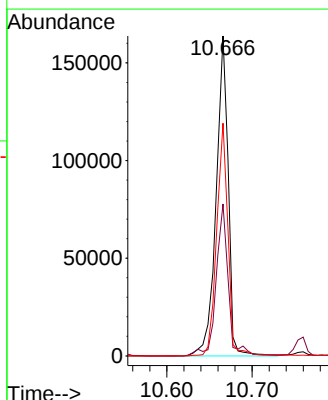
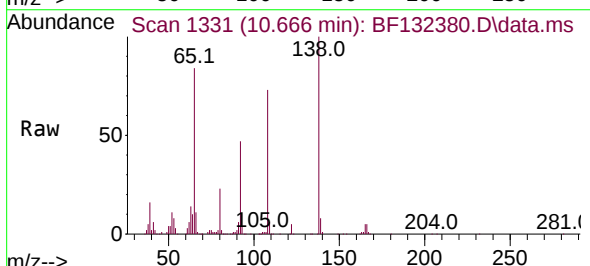


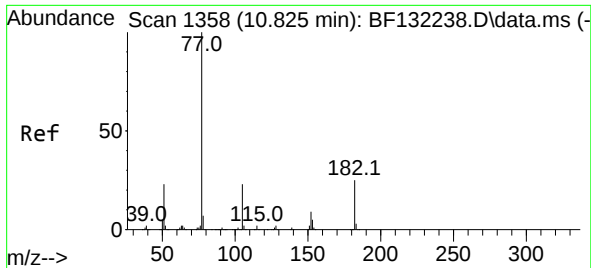
02/10/2023



#62
4-Nitroaniline
Concen: 32.458 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

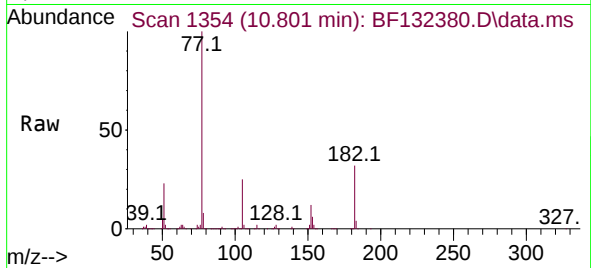
Tgt Ion:138 Resp: 161482
Ion Ratio Lower Upper
138 100
92 47.5 27.7 67.7
108 72.7 48.5 88.5





#63
Azobenzene
Concen: 45.215 ng
RT: 10.801 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



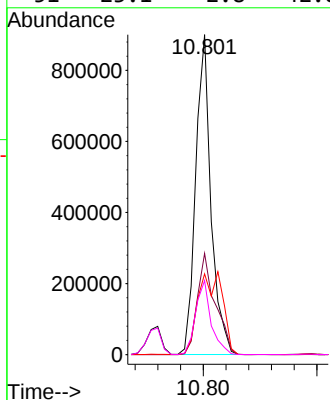
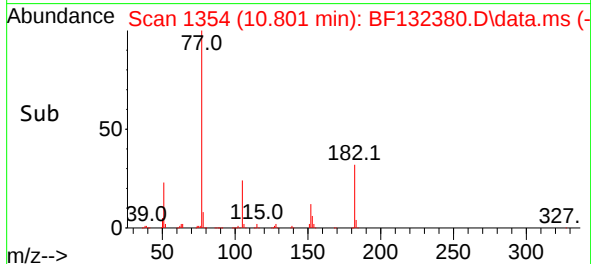
Tgt Ion: 77 Resp: 839252
Ion Ratio Lower Upper
77 100
182 31.6 4.5 44.5
105 25.2 2.7 42.7
51 23.1 2.8 42.8

Manual Integrations
APPROVED

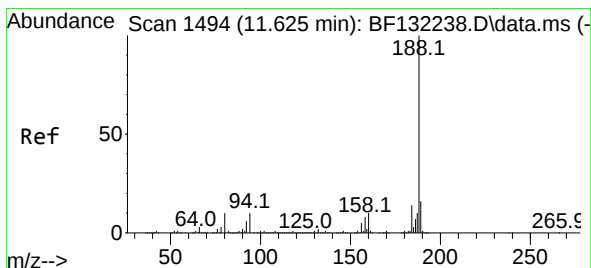
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

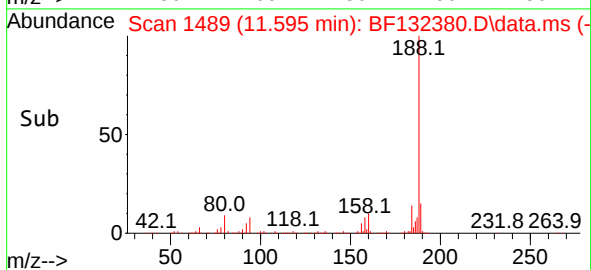
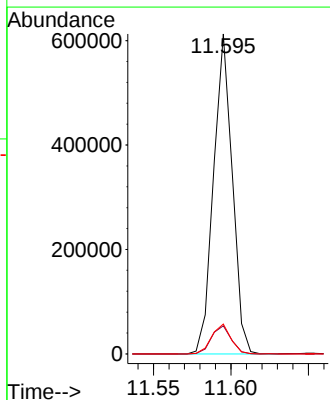
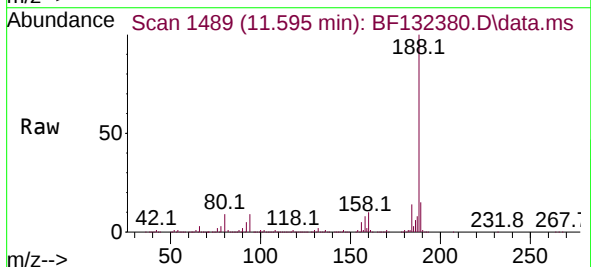


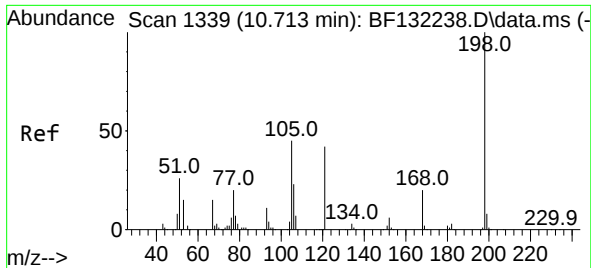
02/10/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:188 Resp: 518629
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.3 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 56.017 ng
RT: 10.689 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS

Tgt Ion:198 Resp: 164888
Ion Ratio Lower Upper
198 100
51 33.8 13.1 53.1
105 46.8 26.0 66.0

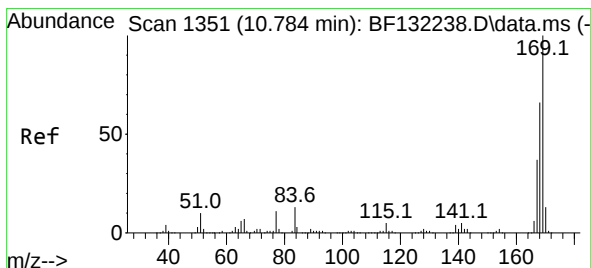
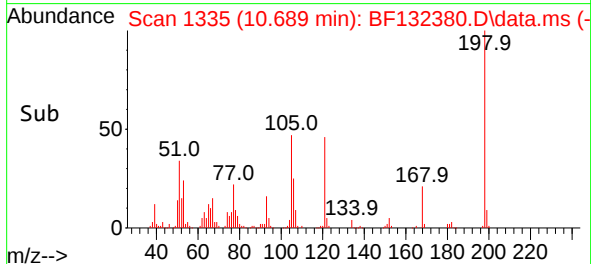
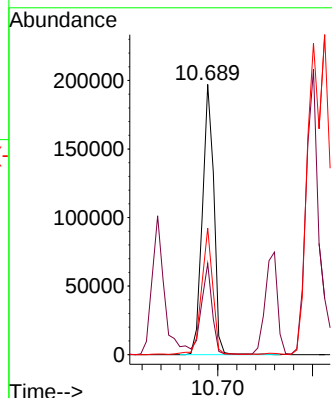
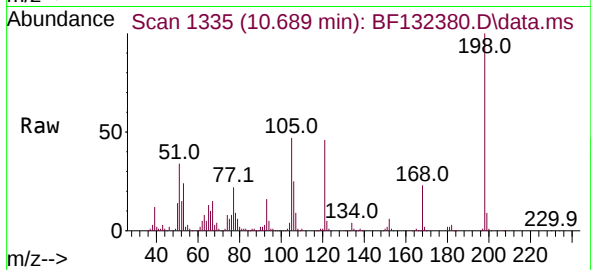
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

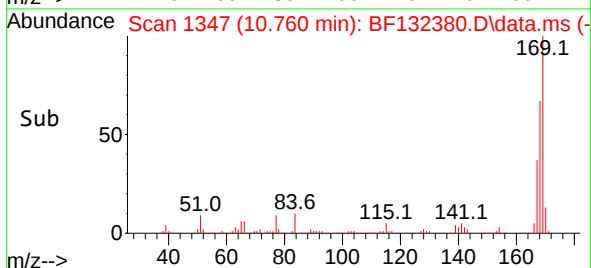
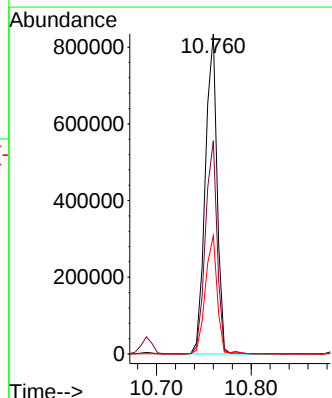
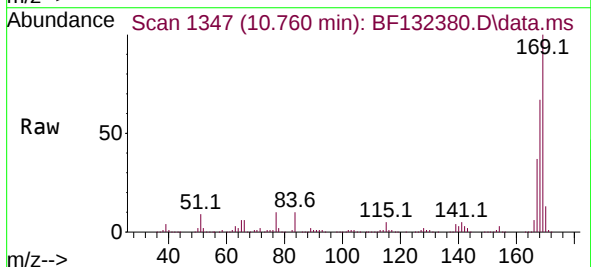
02/10/2023
Supervised By :Jagrut
Upadhyay

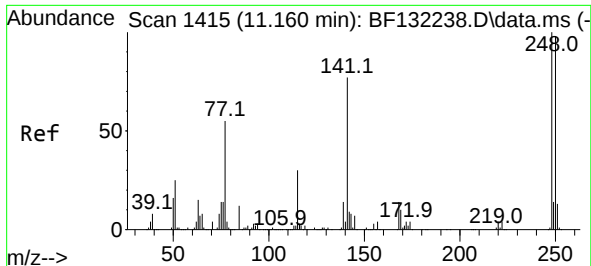
02/10/2023



#66
n-Nitrosodiphenylamine
Concen: 44.388 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

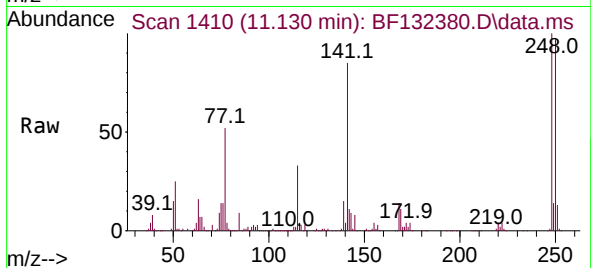
Tgt Ion:169 Resp: 720862
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.9 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 50.972 ng
RT: 11.130 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



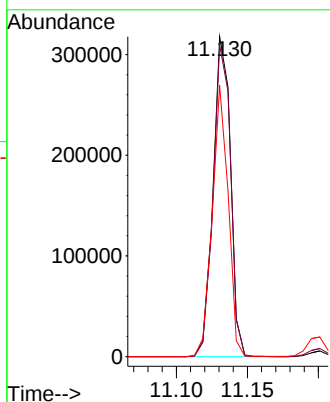
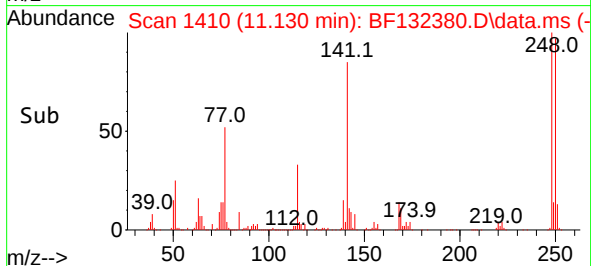
Tgt Ion:248 Resp: 270697
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 84.8 61.6 92.4

Manual Integrations
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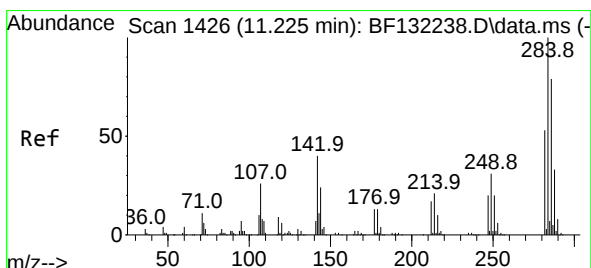
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

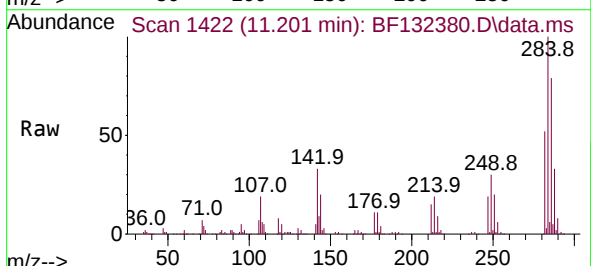
02/10/2023
Supervised By :Jagrut
Upadhyay



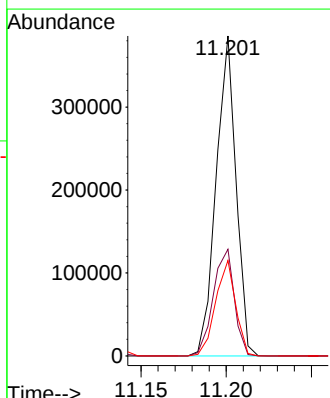
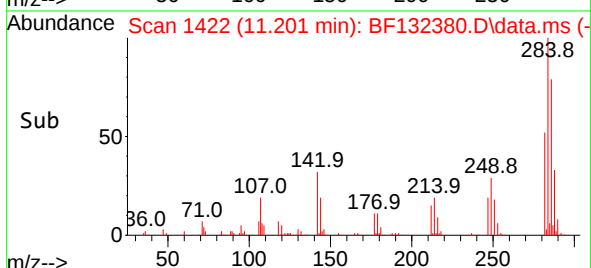
02/10/2023

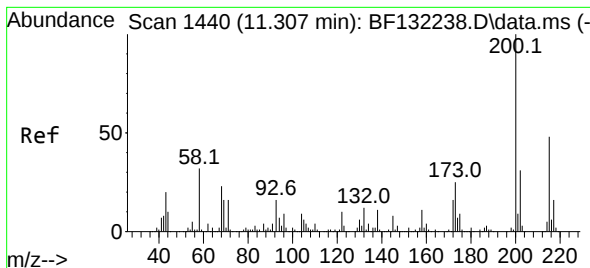


#68
Hexachlorobenzene
Concen: 55.136 ng
RT: 11.201 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58



Tgt Ion:284 Resp: 312968
Ion Ratio Lower Upper
284 100
142 33.3 32.2 48.4
249 29.8 25.0 37.6





#69

Atrazine

Concen: 44.973 ng

RT: 11.283 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

Tgt Ion:200 Resp: 210079
 Ion Ratio Lower Upper
 200 100
 173 27.1 5.1 45.1
 215 46.8 27.6 67.6

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

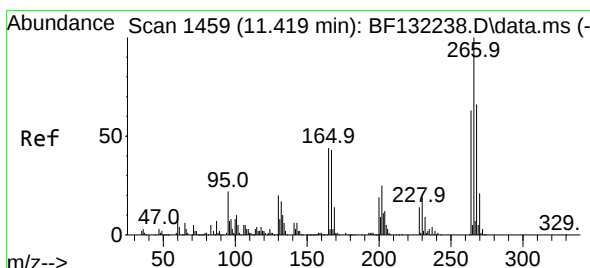
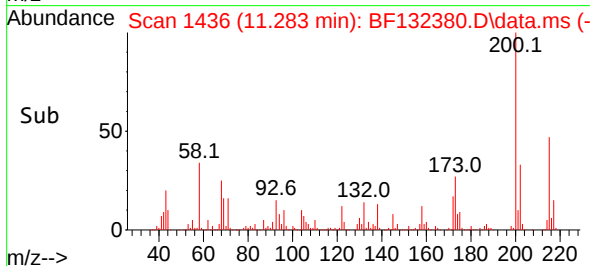
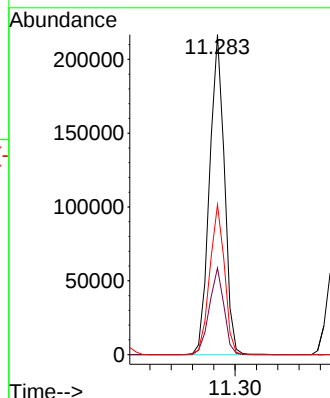
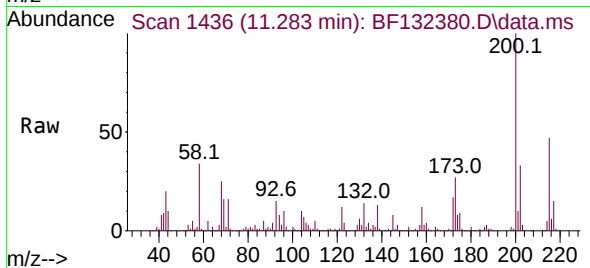
02/10/2023

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 Upadhyay

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 Upadhyay

02/10/2023



#70

Pentachlorophenol

Concen: 87.514 ng

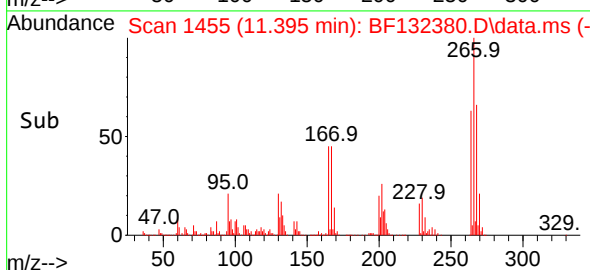
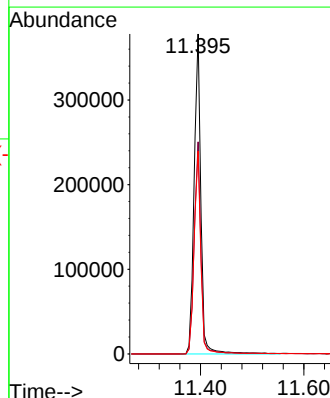
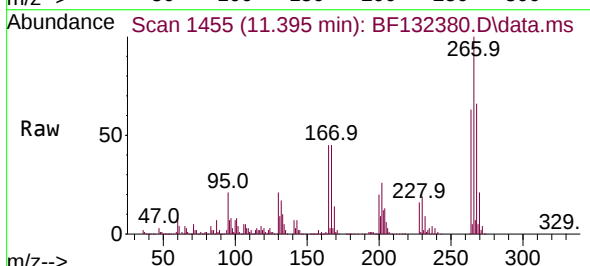
RT: 11.395 min Scan# 1455

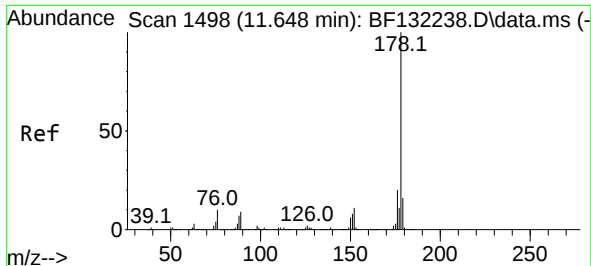
Delta R.T. 0.006 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

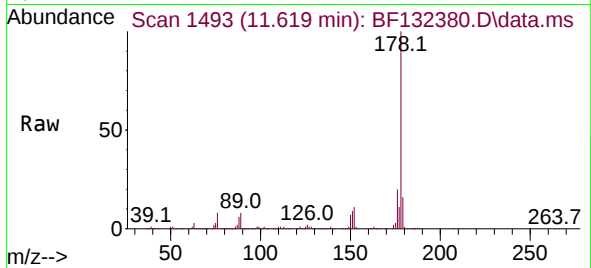
Tgt Ion:266 Resp: 341317
 Ion Ratio Lower Upper
 266 100
 268 66.3 53.0 79.4
 264 63.4 50.5 75.7





#71
Phenanthrene
Concen: 47.009 ng
RT: 11.619 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



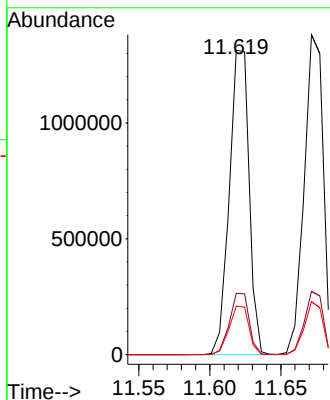
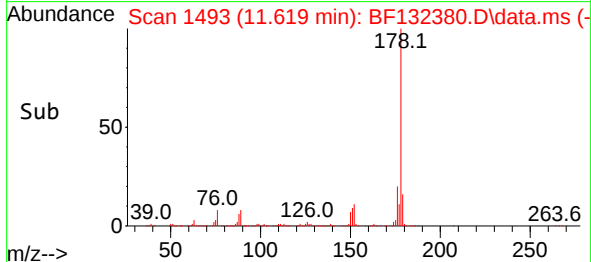
Tgt Ion:178 Resp: 1273994
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.0 12.8 19.2

Manual Integrations
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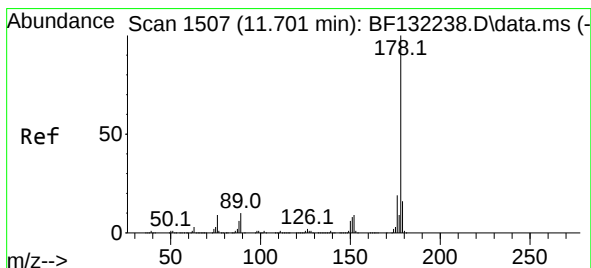
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

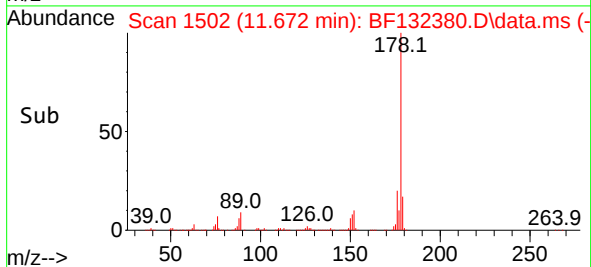
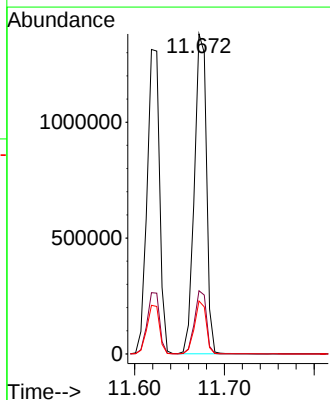
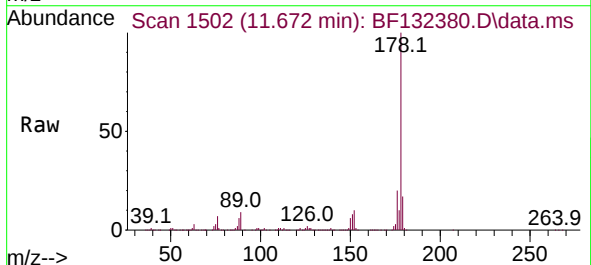


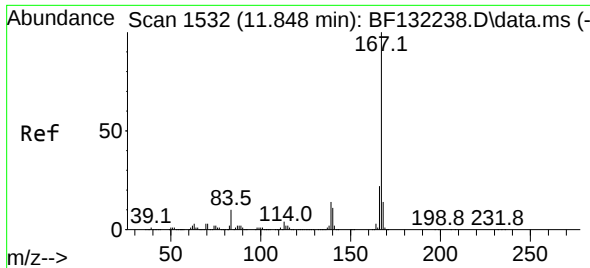
02/10/2023



#72
Anthracene
Concen: 46.898 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

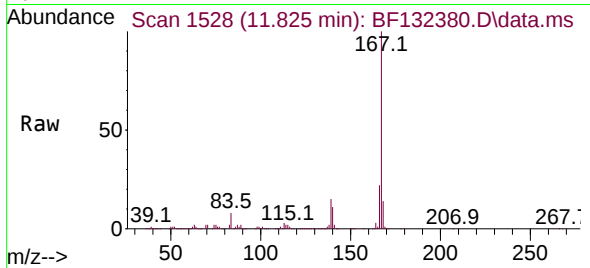
Tgt Ion:178 Resp: 1293479
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.5 12.8 19.2





#73
 Carbazole
 Concen: 43.829 ng
 RT: 11.825 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

Instrument :
 BNA_F
 ClientSampleId :
 RS-3MS



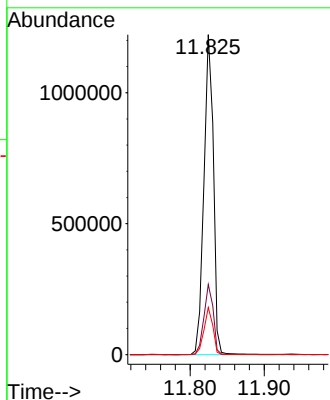
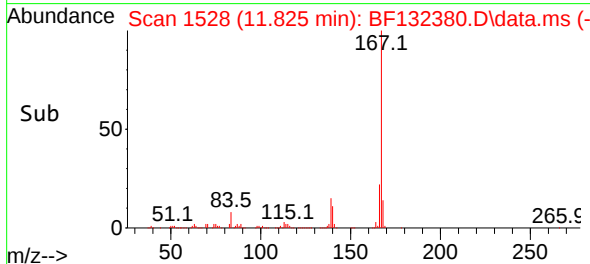
Tgt Ion:167 Resp: 1083892
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.7 11.4 17.2

Manual Integrations
 APPROVED

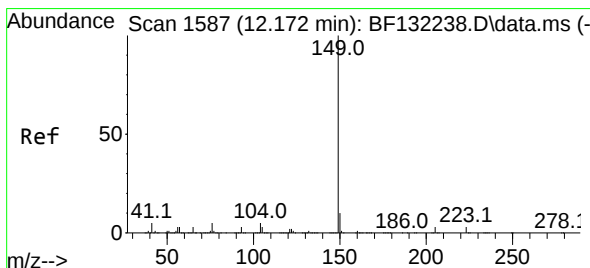
Reviewed By :Christian
 Giraldo

02/10/2023
 Supervised By :Jagrut
 Upadhyay

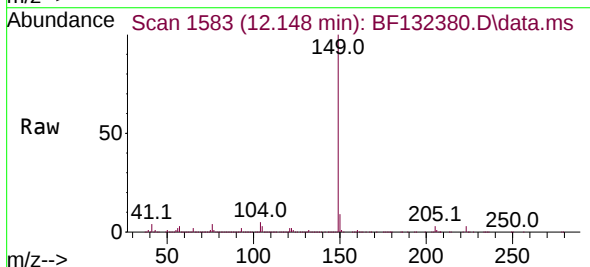
02/10/2023
 Supervised By :Jagrut
 Upadhyay



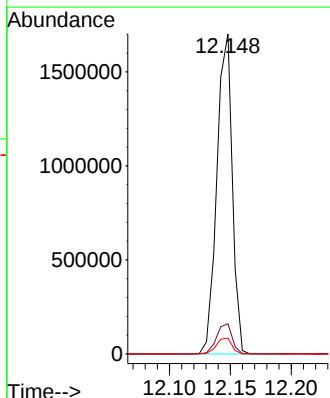
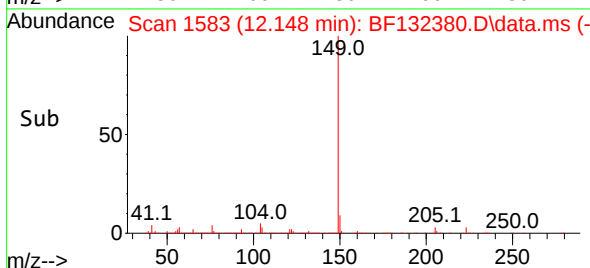
02/10/2023

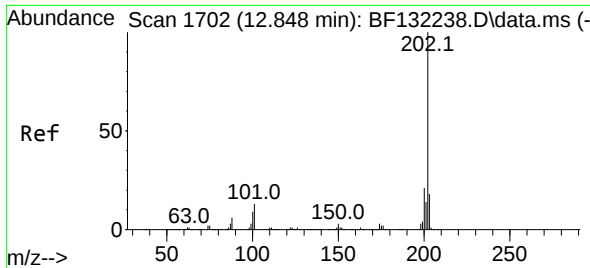


#74
 Di-n-butylphthalate
 Concen: 51.229 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58



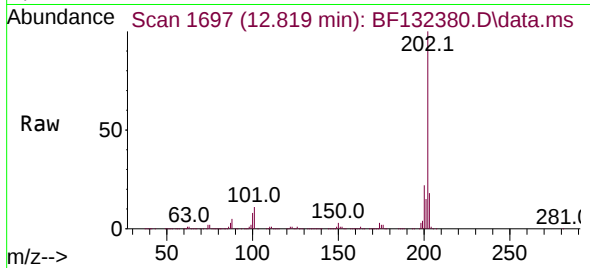
Tgt Ion:149 Resp: 1497767
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.9 4.3 6.5





#75
Fluoranthene
Concen: 45.161 ng
RT: 12.819 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



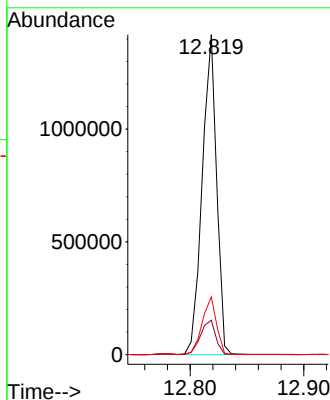
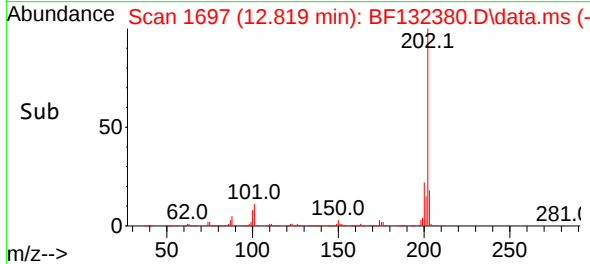
Tgt Ion:202 Resp: 1248982
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.7
203 18.0 0.0 37.9

Manual Integrations
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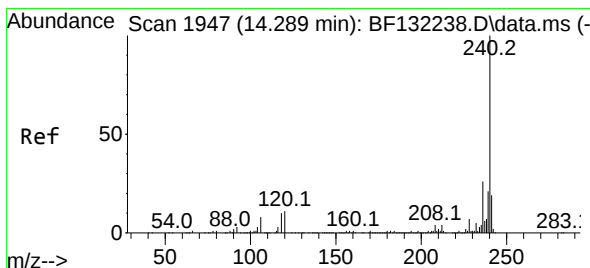
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

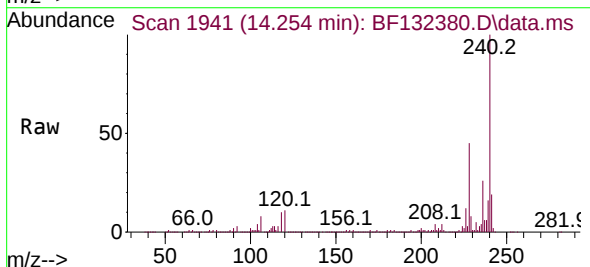
02/10/2023
Supervised By :Jagrut
Upadhyay



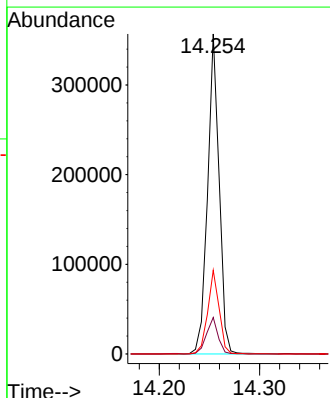
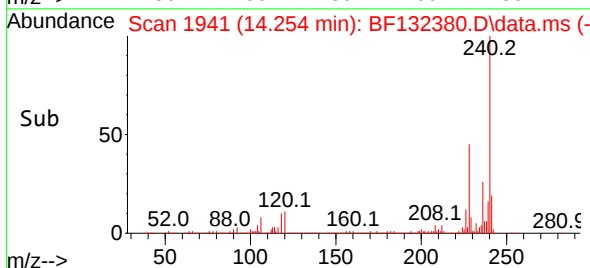
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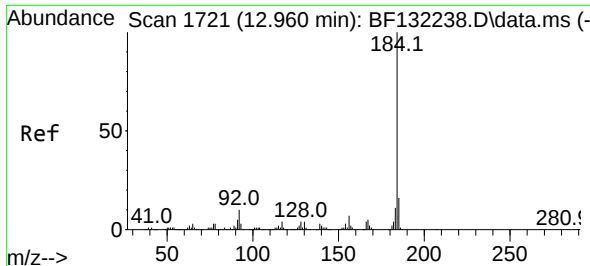


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58



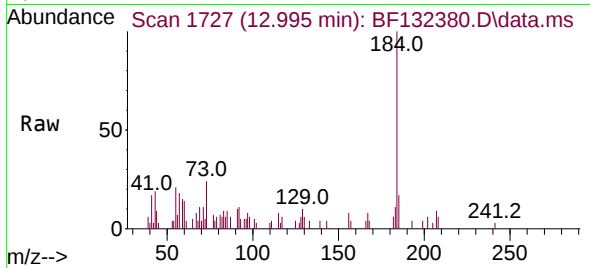
Tgt Ion:240 Resp: 283552
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 26.1 21.0 31.6





#77
Benzidine
Concen: 3.037 ng m
RT: 12.995 min Scan# 1736
Delta R.T. 0.065 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



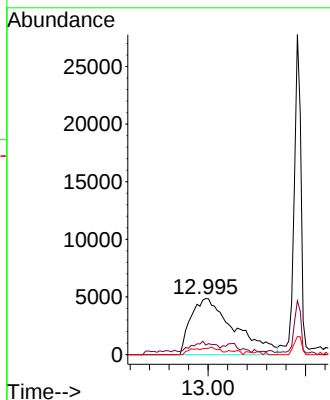
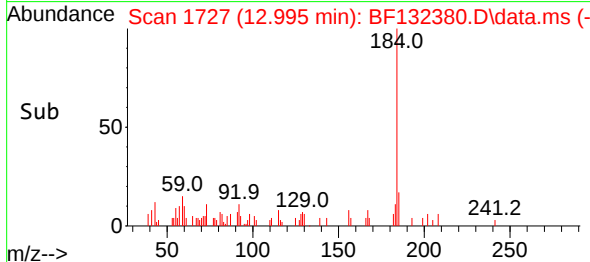
Tgt Ion:184 Resp: 3011
Ion Ratio Lower Upper
184 100
185 17.1 12.6 18.8
183 10.9 8.9 13.3

Manual Integrations
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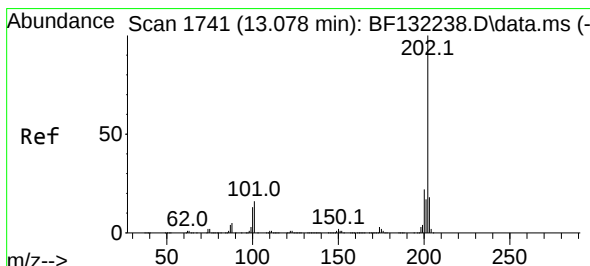
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

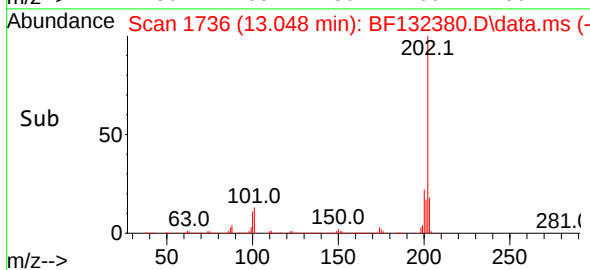
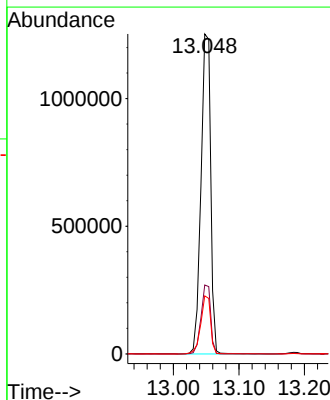
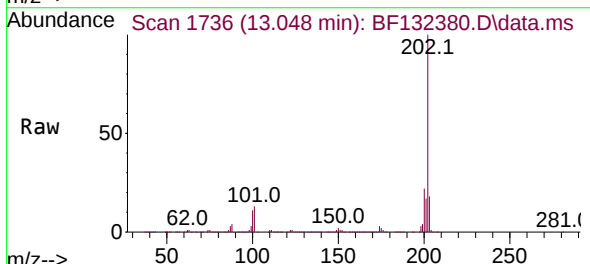


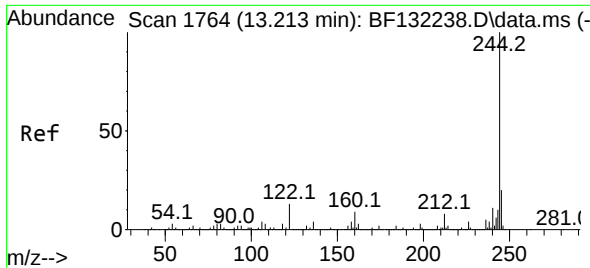
02/10/2023



#78
Pyrene
Concen: 55.932 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

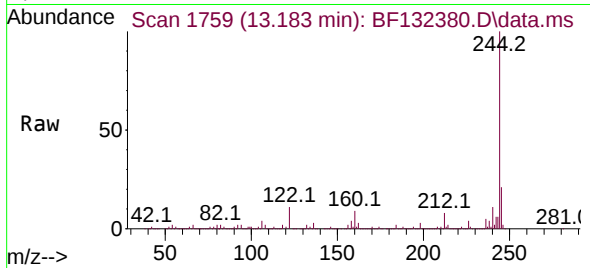
Tgt Ion:202 Resp: 1275607
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 18.1 14.4 21.6





#79
 Terphenyl-d14
 Concen: 108.122 ng
 RT: 13.183 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

Instrument :
 BNA_F
 ClientSampleId :
 RS-3MS



Tgt Ion:244 Resp: 1584895
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.1 10.5 15.7

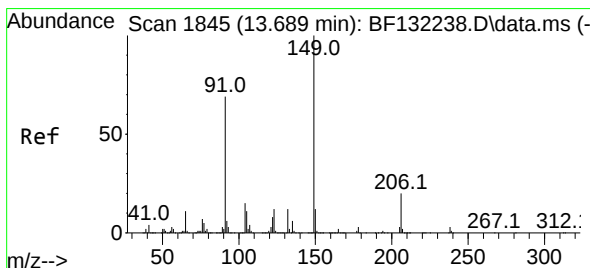
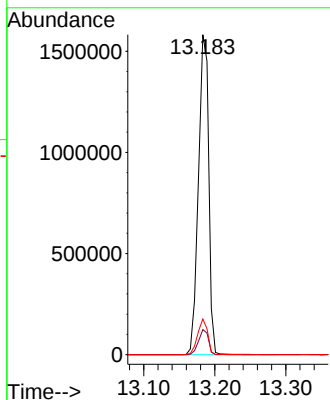
Manual Integrations
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Reviewed By :Christian
 Giraldo

02/10/2023
 Supervised By :Jagrut
 Upadhyay

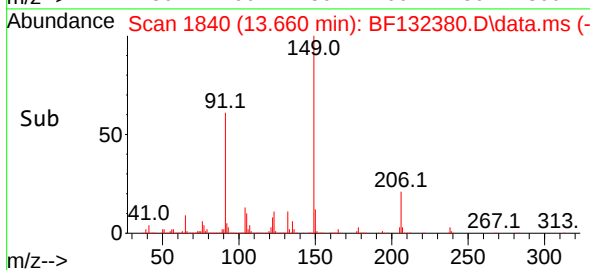
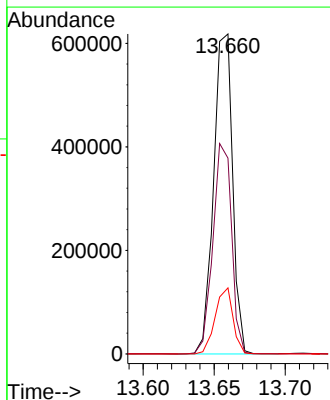
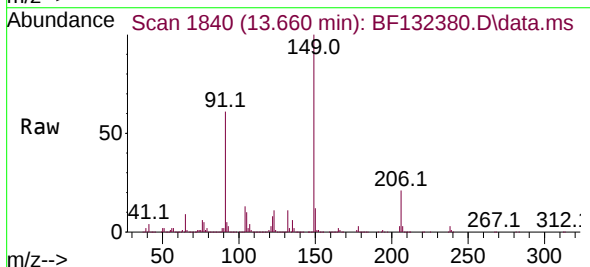
02/10/2023
 Supervised By :Jagrut
 Upadhyay

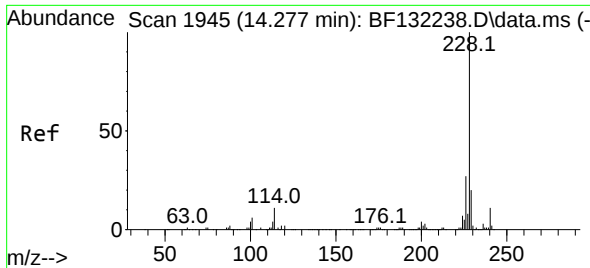
02/10/2023



#80
 Butylbenzylphthalate
 Concen: 57.185 ng
 RT: 13.660 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF132380.D
 Acq: 09 Feb 2023 15:58

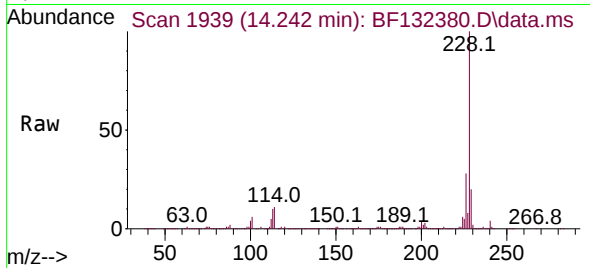
Tgt Ion:149 Resp: 576199
 Ion Ratio Lower Upper
 149 100
 91 61.2 55.0 82.6
 206 20.7 15.9 23.9





#81
Benzo(a)anthracene
Concen: 47.986 ng
RT: 14.242 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



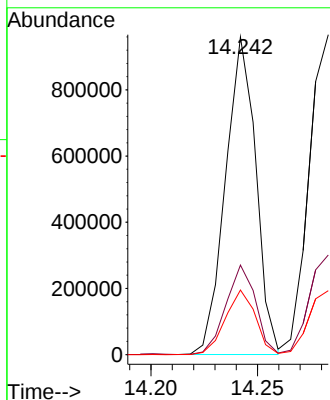
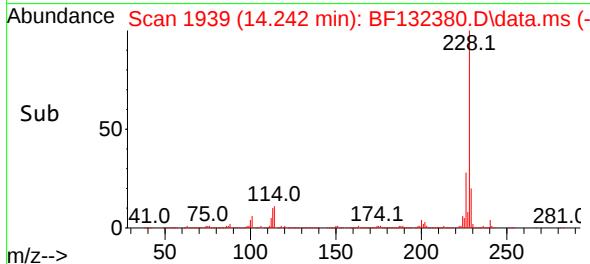
Tgt Ion:228 Resp: 951655
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 20.3 15.8 23.6

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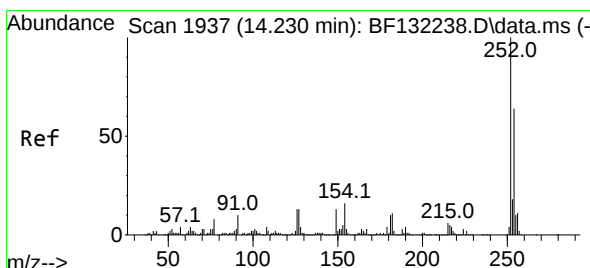
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

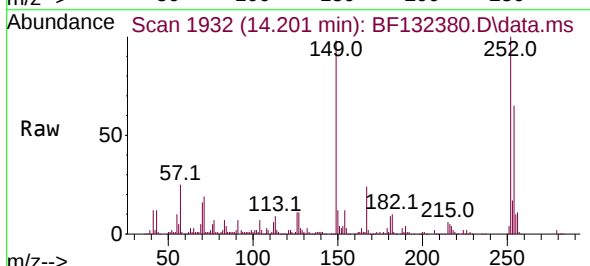
02/10/2023
Supervised By :Jagrut
Upadhyay



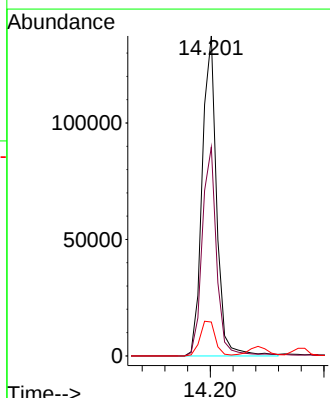
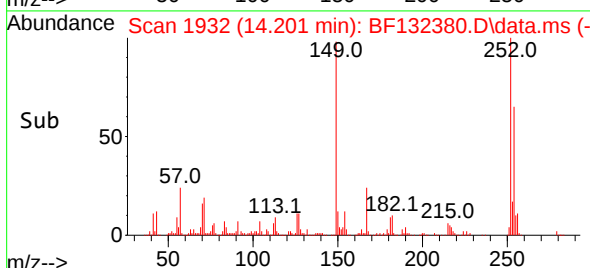
02/10/2023

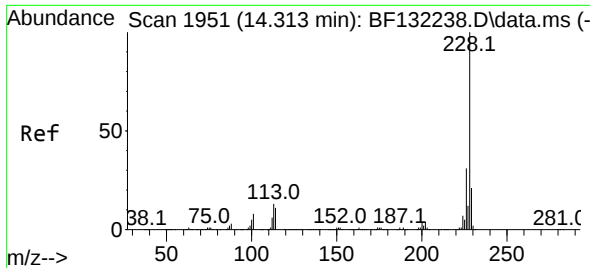


#82
3,3'-Dichlorobenzidine
Concen: 19.224 ng
RT: 14.201 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58



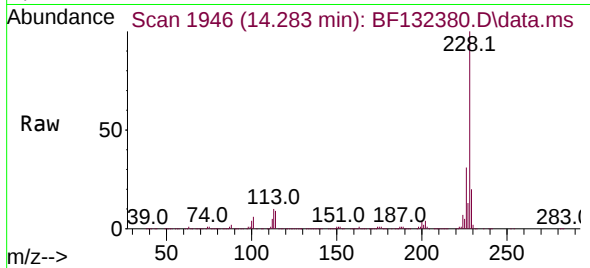
Tgt Ion:252 Resp: 121431
Ion Ratio Lower Upper
252 100
254 65.2 51.6 77.4
126 10.6 10.5 15.7





#83
Chrysene
Concen: 47.412 ng
RT: 14.283 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



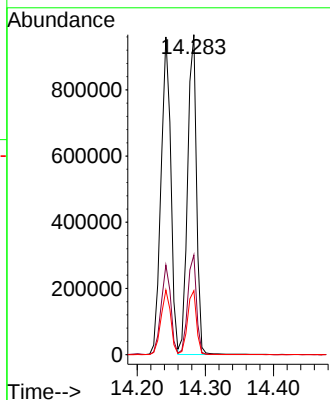
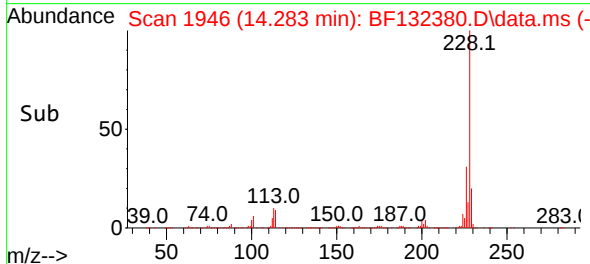
Tgt Ion:228 Resp: 880451
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 20.0 16.4 24.6

Manual Integrations
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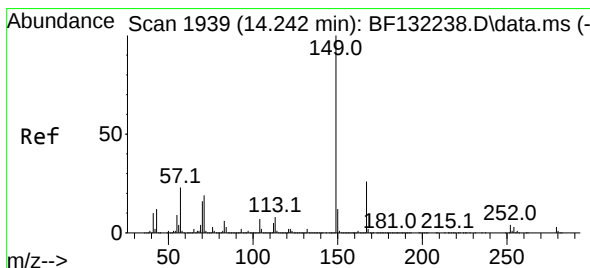
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

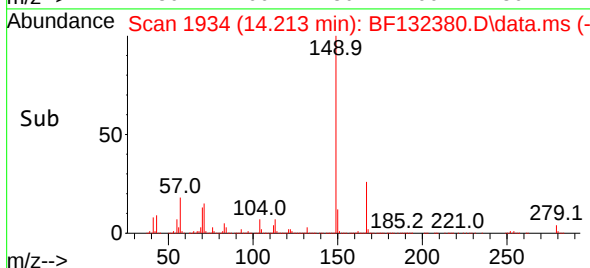
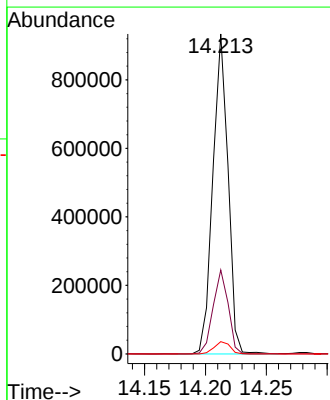
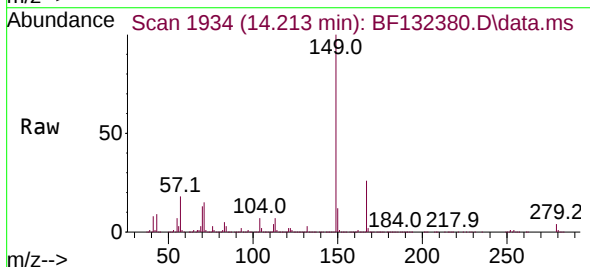


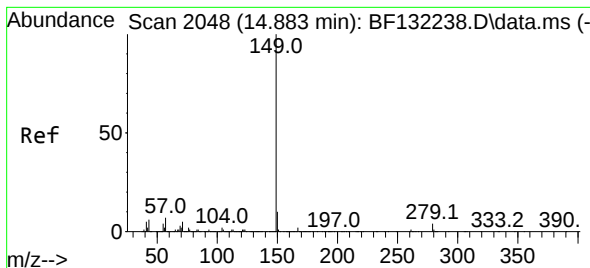
02/10/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.252 ng
RT: 14.213 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

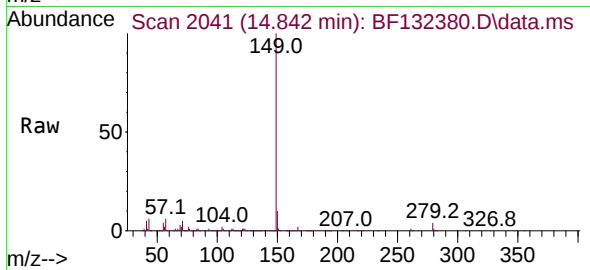
Tgt Ion:149 Resp: 806994
Ion Ratio Lower Upper
149 100
167 26.2 20.7 31.1
279 3.8 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 52.225 ng
RT: 14.842 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



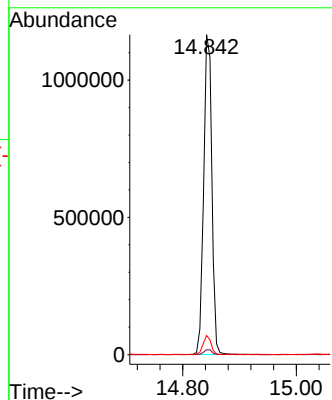
Tgt Ion:149 Resp: 1160154
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 5.7 5.9 8.9

Manual Integrations
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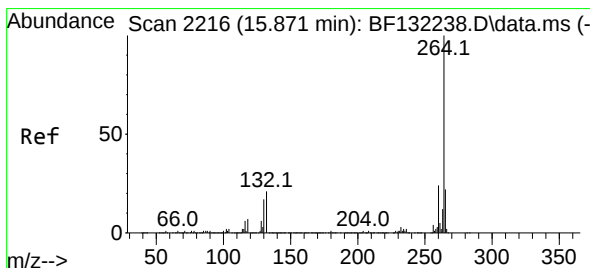
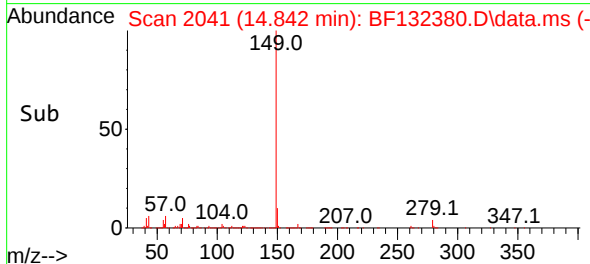
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

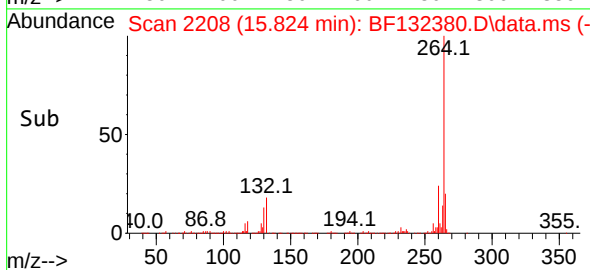
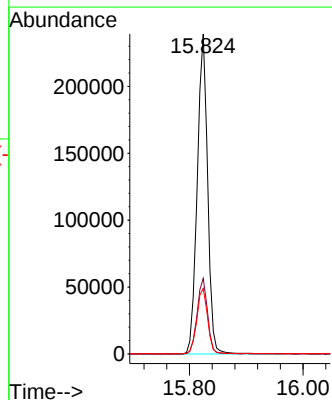
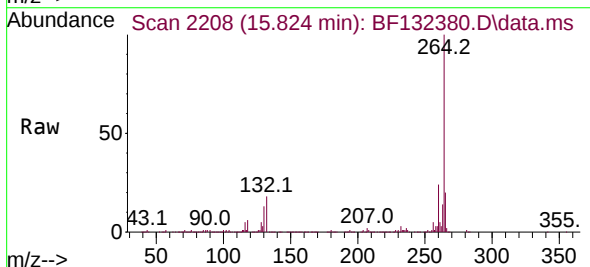


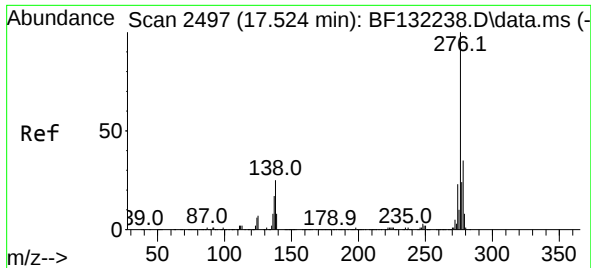
02/10/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.824 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

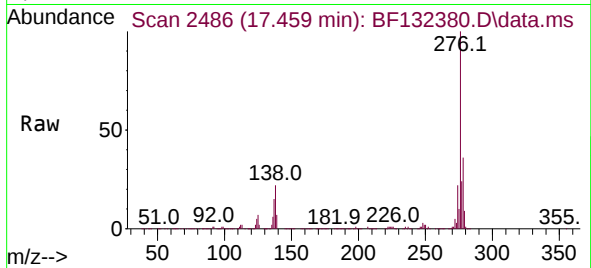
Tgt Ion:264 Resp: 302136
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 20.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.820 ng
RT: 17.459 min Scan# 2497
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



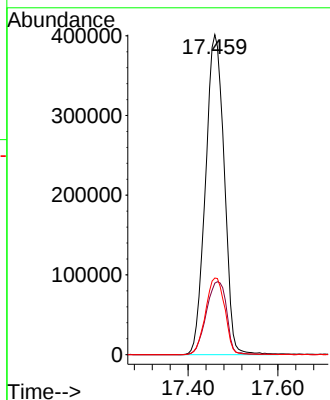
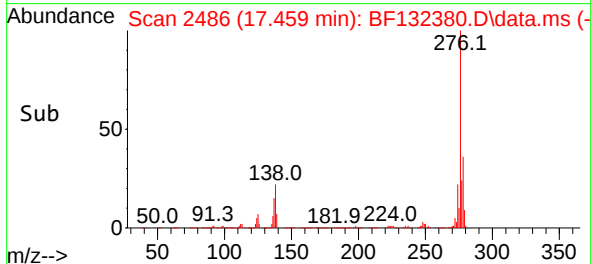
Tgt Ion:276 Resp: 1160779
Ion Ratio Lower Upper
276 100
138 24.8 23.3 34.9
277 24.8 20.0 30.0

Manual Integrations
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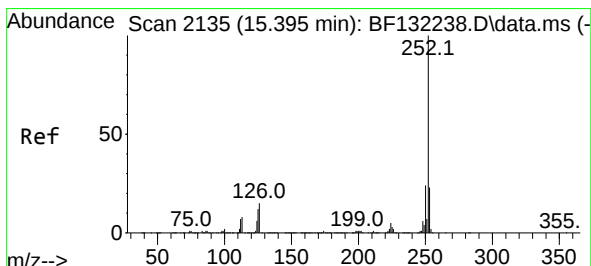
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay

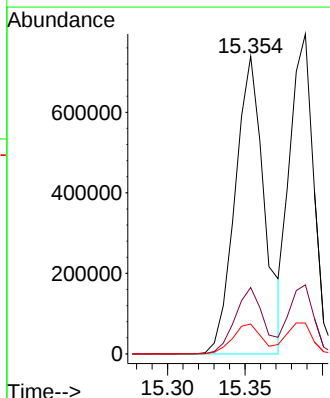
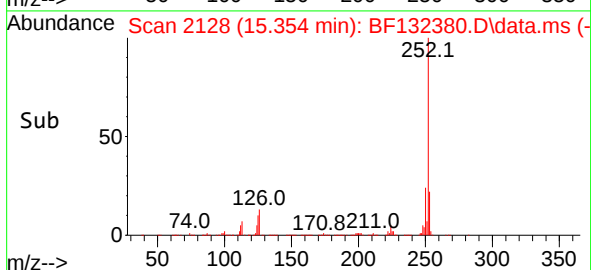
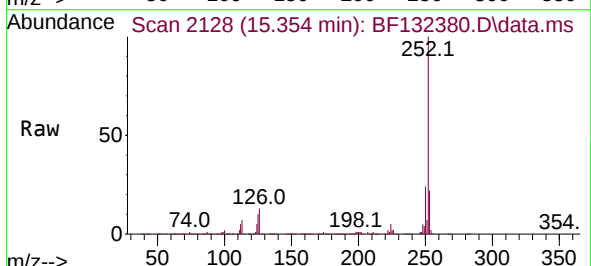


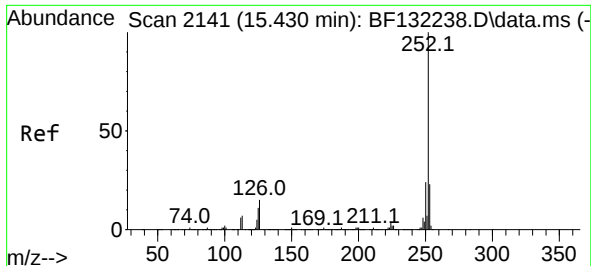
02/10/2023



#88
Benzo(b)fluoranthene
Concen: 50.326 ng
RT: 15.354 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:252 Resp: 966522
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.0 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 46.638 ng

RT: 15.389 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

Instrument :

BNA_F

ClientSampleId :

RS-3MS

Tgt Ion:252 Resp: 854966

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

125 9.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian
Giraldo

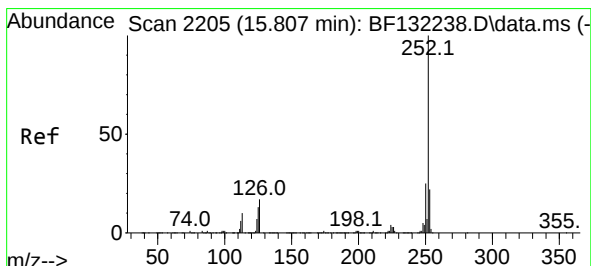
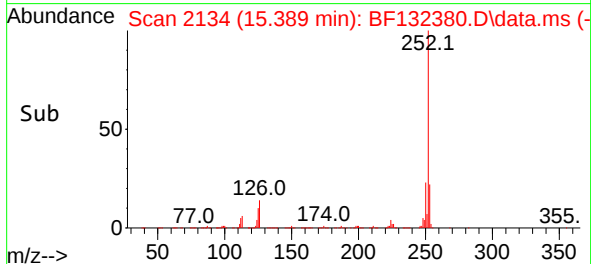
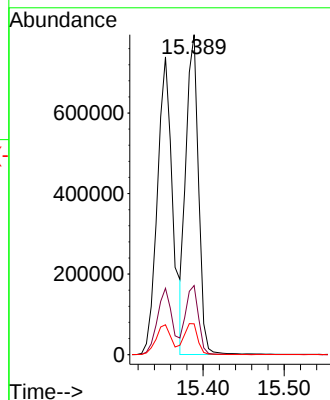
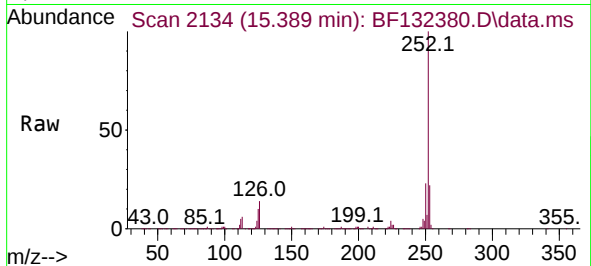
02/10/2023

Supervised By :Jagrut
Upadhyay

02/10/2023

Supervised By :Jagrut
Upadhyay

02/10/2023



#90

Benzo(a)pyrene

Concen: 46.118 ng

RT: 15.760 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF132380.D

Acq: 09 Feb 2023 15:58

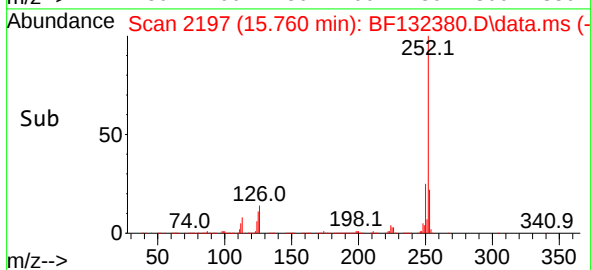
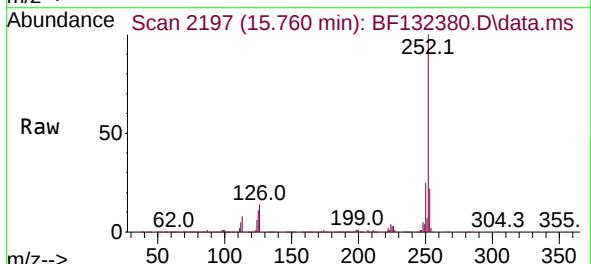
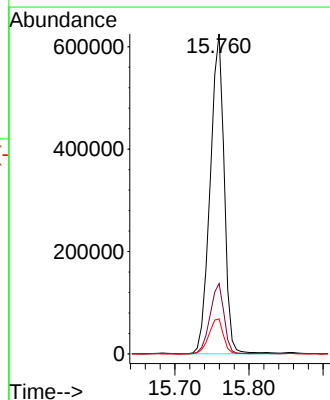
Tgt Ion:252 Resp: 824758

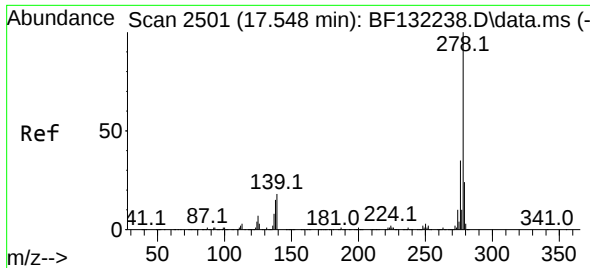
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

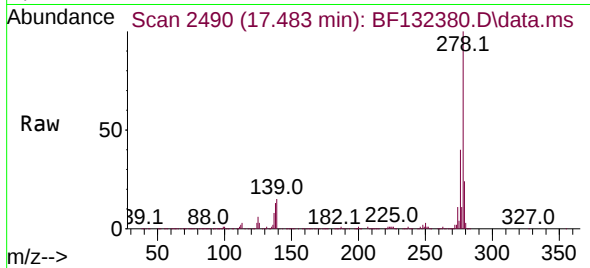
125 10.9 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 58.216 ng
RT: 17.483 min Scan# 24
Delta R.T. 0.012 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Instrument :
BNA_F
ClientSampleId :
RS-3MS



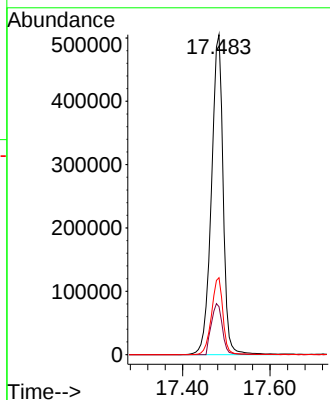
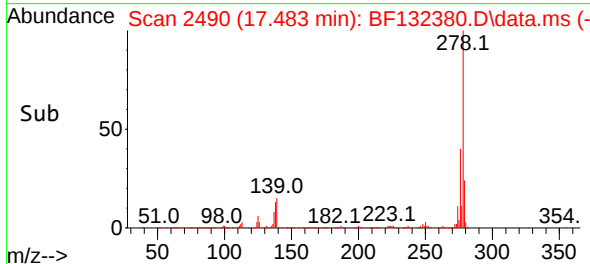
Tgt Ion:278 Resp: 939651
Ion Ratio Lower Upper
278 100
139 15.0 14.2 21.2
279 24.0 19.6 29.4

Manual Integrations
APPROVED

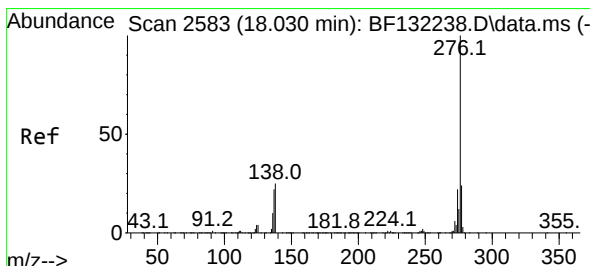
Reviewed By :Christian
Giraldo

02/10/2023
Supervised By :Jagrut
Upadhyay

02/10/2023
Supervised By :Jagrut
Upadhyay



02/10/2023



#92
Benzo(g,h,i)perylene
Concen: 55.886 ng
RT: 17.959 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF132380.D
Acq: 09 Feb 2023 15:58

Tgt Ion:276 Resp: 931901
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 21.1 20.3 30.5

