

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130378.D
 Acq On : 22 Sep 2022 16:20
 Operator : CG\JU
 Sample : N4732-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Sep 22 16:49:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 09/23/2022
 Supervised By :Jagrut
 Upadhyay
 09/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	122052	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	468569	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	216609	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	306797	20.000	ng	0.00
76) Chrysene-d12	13.804	240	227903	20.000	ng	0.00
86) Perylene-d12	15.198	264	207592	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	759373	107.913	ng	0.01
7) Phenol-d6	6.310	99	923409	104.876	ng	0.01
23) Nitrobenzene-d5	7.228	82	581407	63.391	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	205276	98.903	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	969387	65.169	ng	0.00
79) Terphenyl-d14	12.757	244	728159	52.926	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.357	88	108796	33.665	ng	98
3) Pyridine	3.034	79	272067	32.272	ng	97
4) n-Nitrosodimethylamine	2.998	42	159178	34.716	ng	91
6) Aniline	6.339	93	357533	32.957	ng	95
8) 2-Chlorophenol	6.445	128	338308	42.204	ng	95
9) Benzaldehyde	6.204	77	192186	32.586	ng	96
10) Phenol	6.322	94	407350	39.478	ng	95
11) bis(2-Chloroethyl)ether	6.398	93	329156	44.227	ng	95
12) 1,3-Dichlorobenzene	6.598	146	367054	41.615	ng	97
13) 1,4-Dichlorobenzene	6.675	146	367011	40.804	ng	99
14) 1,2-Dichlorobenzene	6.828	146	354096	42.143	ng	96
15) Benzyl Alcohol	6.810	79	193217	27.678	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.939	45	391605	36.076	ng	77
17) 2-Methylphenol	6.928	107	264173	40.541	ng	97
18) Hexachloroethane	7.169	117	134632	37.973	ng	93
19) n-Nitroso-di-n-propyla...	7.081	70	226782	38.171	ng	92
20) 3+4-Methylphenols	7.081	107	333843	39.438	ng	# 68
22) Acetophenone	7.075	105	471890	41.192	ng	# 91
24) Nitrobenzene	7.245	77	347441	37.308	ng	95
25) Isophorone	7.486	82	597898	40.446	ng	97
26) 2-Nitrophenol	7.557	139	169533	44.407	ng	93
27) 2,4-Dimethylphenol	7.604	122	289027	49.169	ng	97
28) bis(2-Chloroethoxy)met...	7.698	93	368273	44.243	ng	100
29) 2,4-Dichlorophenol	7.810	162	257964	40.047	ng	95
30) 1,2,4-Trichlorobenzene	7.880	180	279356	40.112	ng	96
31) Naphthalene	7.963	128	926307	38.372	ng	99
32) Benzoic acid	7.739	122	170852	37.585	ng	95
33) 4-Chloroaniline	8.022	127	235565	25.657	ng	98
34) Hexachlorobutadiene	8.080	225	177638	39.911	ng	99
35) Caprolactam	8.386	113	76576m	41.467	ng	
36) 4-Chloro-3-methylphenol	8.510	107	268707	37.634	ng	98
37) 2-Methylnaphthalene	8.651	142	584992	38.008	ng	100
38) 1-Methylnaphthalene	8.751	142	546821	36.983	ng	98
40) 1,2,4,5-Tetrachloroben...	8.816	216	261910	44.306	ng	98
41) Hexachlorocyclopentadiene	8.804	237	171147	54.077	ng	98
43) 2,4,6-Trichlorophenol	8.933	196	163975	39.746	ng	96

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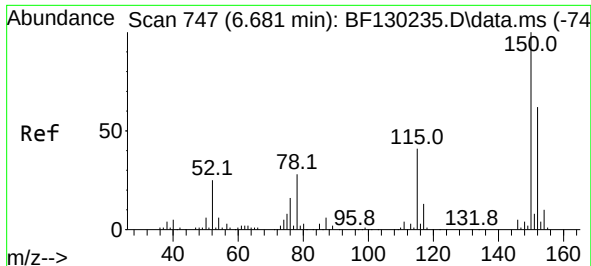
Reviewed By :Christian
 Giraldo
 09/23/2022

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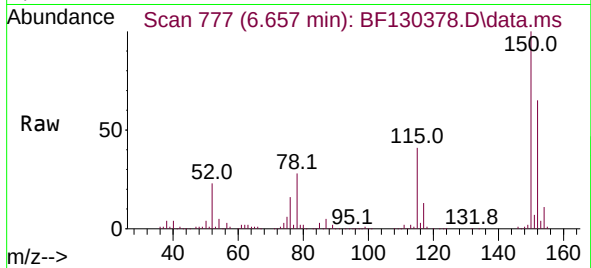
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	175781	39.484	ng	98
46) 1,1'-Biphenyl	9.116	154	698802	43.196	ng	99
47) 2-Chloronaphthalene	9.139	162	531842	40.641	ng	99
48) 2-Nitroaniline	9.245	65	162222	37.167	ng	86
49) Acenaphthylene	9.551	152	753598	38.408	ng	99
50) Dimethylphthalate	9.422	163	627022	41.906	ng	100
51) 2,6-Dinitrotoluene	9.486	165	131170	41.918	ng	# 79
52) Acenaphthene	9.722	154	500389m	38.815	ng	
53) 3-Nitroaniline	9.651	138	93103	26.701	ng	91
54) 2,4-Dinitrophenol	9.757	184	59657	38.651	ng	93
55) Dibenzofuran	9.898	168	682274	38.049	ng	98
56) 4-Nitrophenol	9.827	139	176279	69.411	ng	# 81
57) 2,4-Dinitrotoluene	9.886	165	160663	40.174	ng	85
58) Fluorene	10.239	166	526531	35.905	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	125734	36.083	ng	92
60) Diethylphthalate	10.121	149	583414	38.883	ng	99
61) 4-Chlorophenyl-phenyle...	10.233	204	249788	38.829	ng	97
62) 4-Nitroaniline	10.263	138	110396	31.517	ng	90
63) Azobenzene	10.392	77	506161	32.761	ng	95
65) 4,6-Dinitro-2-methylph...	10.286	198	39637	23.209	ng	98
66) n-Nitrosodiphenylamine	10.351	169	452209	44.108	ng	99
67) 4-Bromophenyl-phenylether	10.721	248	149795	44.260	ng	95
68) Hexachlorobenzene	10.780	284	163011	42.489	ng	99
69) Atrazine	10.886	200	134986	45.054	ng	96
70) Pentachlorophenol	10.980	266	158467	76.962	ng	99
71) Phenanthrene	11.198	178	691751	40.160	ng	99
72) Anthracene	11.245	178	675694	40.650	ng	99
73) Carbazole	11.404	167	587496	39.163	ng	100
74) Di-n-butylphthalate	11.745	149	770300	42.581	ng	99
75) Fluoranthene	12.380	202	706582	42.452	ng	98
77) Benzidine	12.510	184	276304	41.764	ng	99
78) Pyrene	12.610	202	704071	35.315	ng	99
80) Butylbenzylphthalate	13.239	149	331685	44.908	ng	92
81) Benzo(a)anthracene	13.792	228	636214	41.963	ng	100
82) 3,3'-Dichlorobenzidine	13.762	252	211617	51.276	ng	100
83) Chrysene	13.833	228	589994	40.984	ng	98
84) Bis(2-ethylhexyl)phtha...	13.798	149	412364	48.743	ng	# 99
85) Di-n-octyl phthalate	14.409	149	697535	53.907	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	494492	33.590	ng	98
88) Benzo(b)fluoranthene	14.809	252	639585	47.204	ng	99
89) Benzo(k)fluoranthene	14.833	252	541259	40.609	ng	99
90) Benzo(a)pyrene	15.139	252	499983	46.578	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	425926	35.269	ng	98
92) Benzo(g,h,i)perylene	16.927	276	410836	33.771	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130378.D
 Acq: 22 Sep 2022 16:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

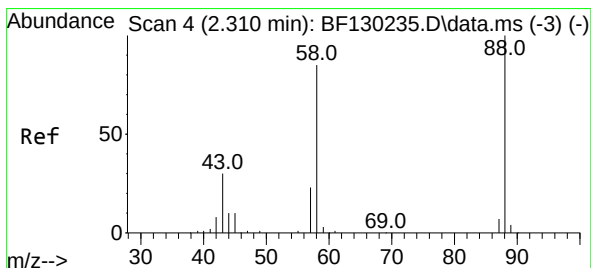
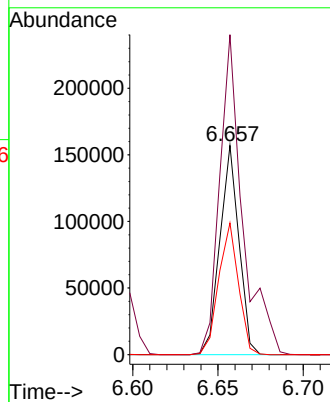
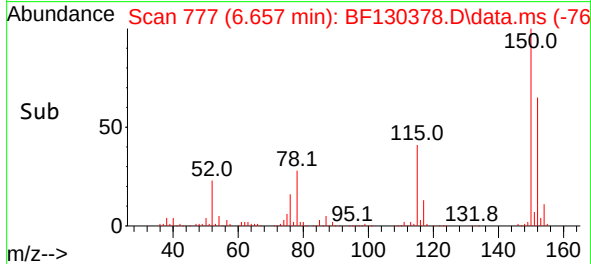


Tgt Ion: 152 Resp: 122052
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.8 184.2
 115 62.9 53.8 80.8

Manual Integrations
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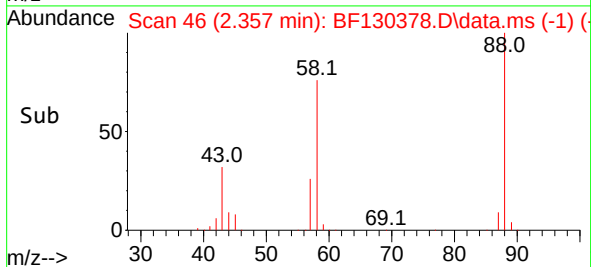
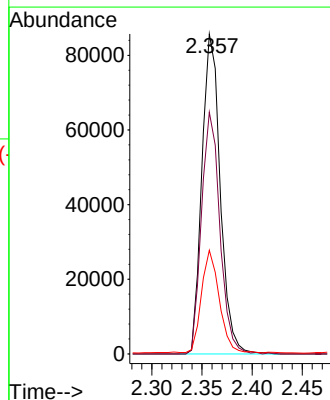
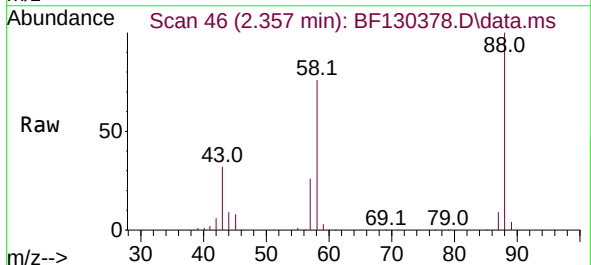
Reviewed By :Christian
 Giraldo
 09/23/2022

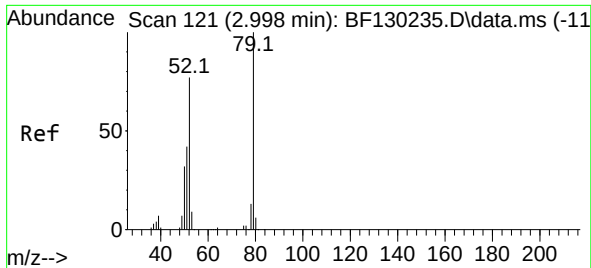
Supervised By :Jagrut
 Upadhyay
 09/23/2022



#2
 1,4-Dioxane
 Concen: 33.665 ng
 RT: 2.357 min Scan# 46
 Delta R.T. 0.070 min
 Lab File: BF130378.D
 Acq: 22 Sep 2022 16:20

Tgt Ion: 88 Resp: 108796
 Ion Ratio Lower Upper
 88 100
 58 75.7 61.3 91.9
 43 31.7 23.0 34.6





#3

Pyridine

Concen: 32.272 ng

RT: 3.034 min Scan# 10

Delta R.T. 0.065 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 79 Resp: 27206

Ion Ratio Lower Upper

79 100

52 74.5 62.4 93.6

51 39.5 32.2 48.4

Manual Integrations

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Reviewed By :Christian

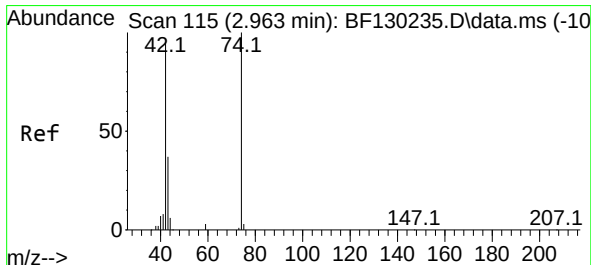
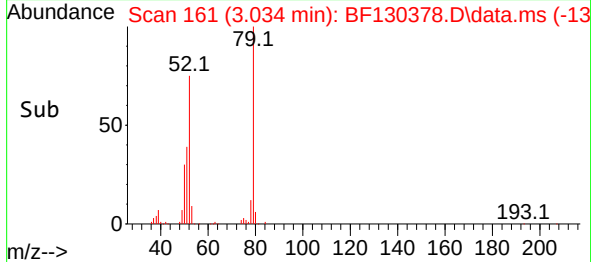
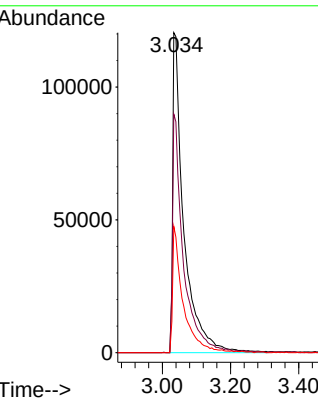
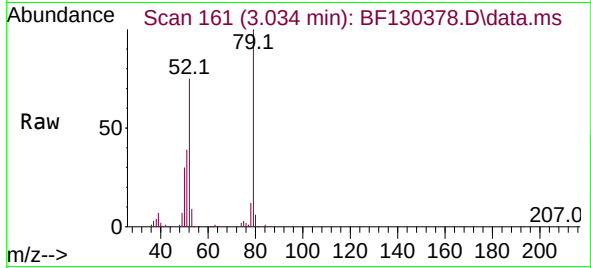
Giraldo

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Upadhyay

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#4

n-Nitrosodimethylamine

Concen: 34.716 ng

RT: 2.998 min Scan# 155

Delta R.T. 0.059 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

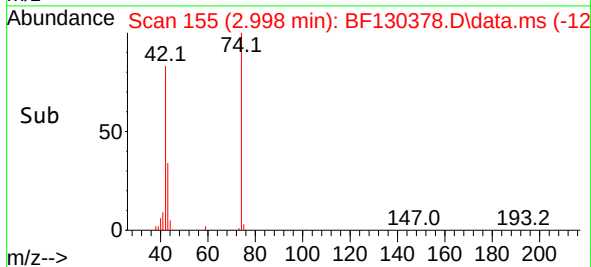
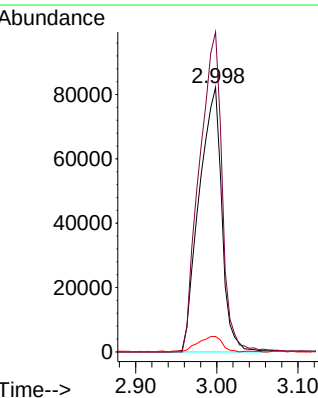
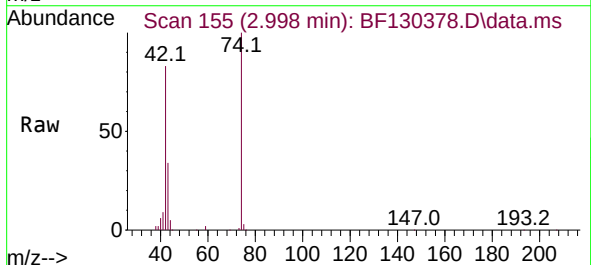
Tgt Ion: 42 Resp: 159178

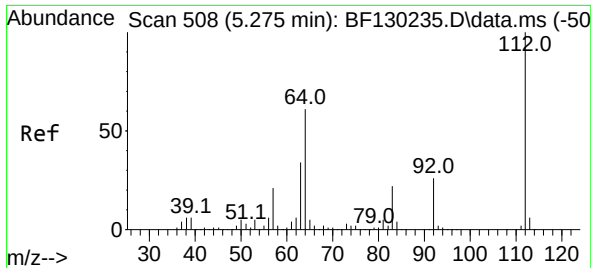
Ion Ratio Lower Upper

42 100

74 121.1 88.4 132.6

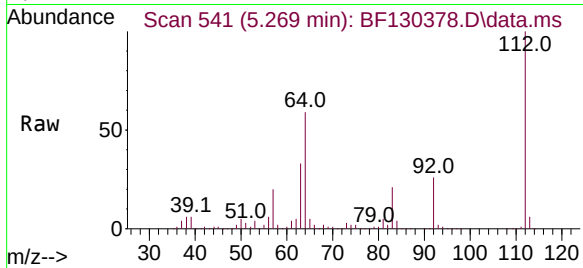
44 5.9 5.0 7.4





#5
2-Fluorophenol
Concen: 107.913 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

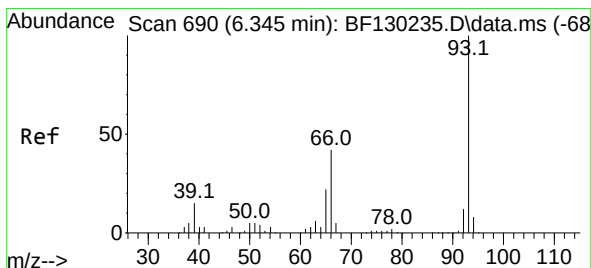
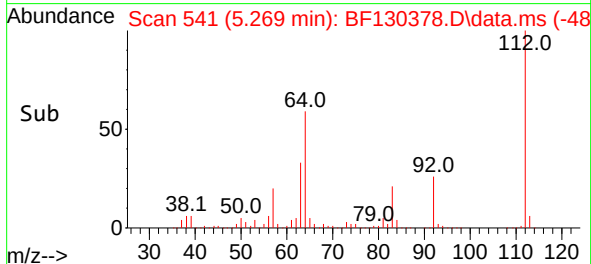
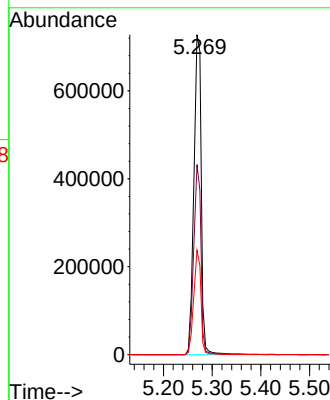


Tgt Ion:112 Resp: 759373
Ion Ratio Lower Upper
112 100
64 59.4 51.4 77.0
63 32.6 28.8 43.2

Manual Integrations
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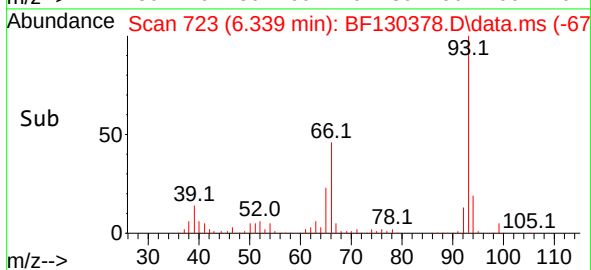
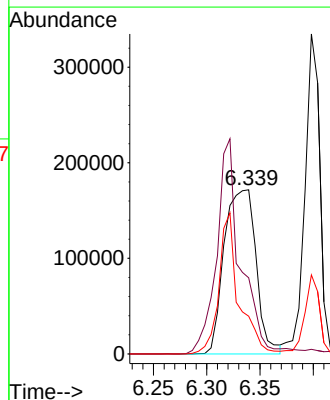
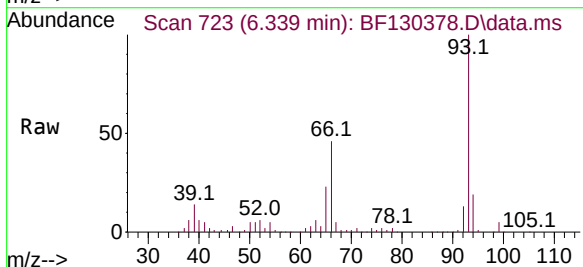
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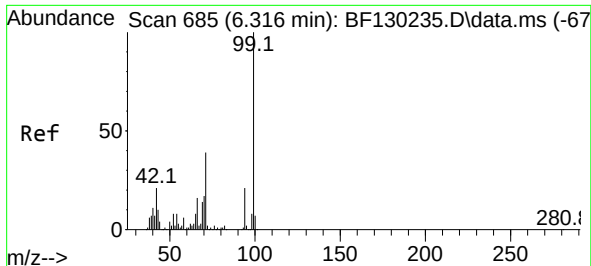
Supervised By :Jagrut
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#6
Aniline
Concen: 32.957 ng
RT: 6.339 min Scan# 723
Delta R.T. 0.012 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

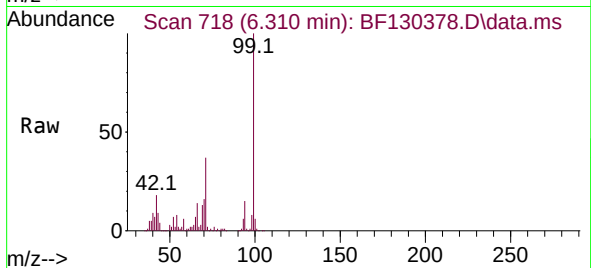
Tgt Ion: 93 Resp: 357533
Ion Ratio Lower Upper
93 100
66 46.3 34.2 51.4
65 23.0 16.6 24.8





#7
Phenol-d6
Concen: 104.876 ng
RT: 6.310 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
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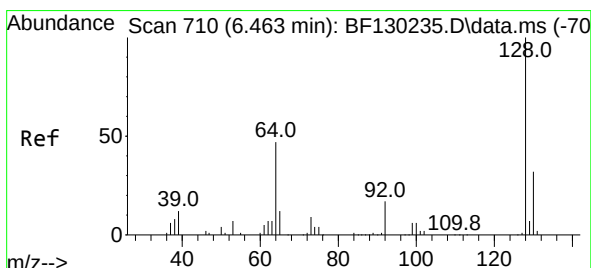
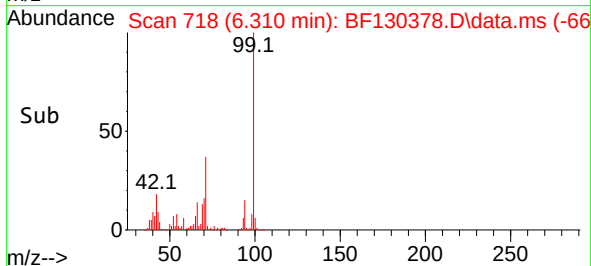
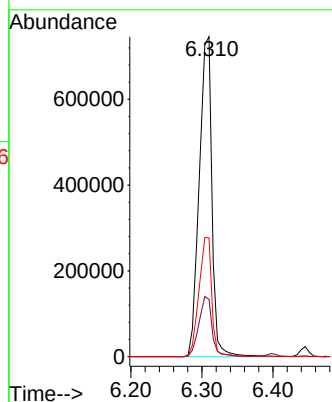


Tgt Ion: 99 Resp: 923409
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.1 32.3 48.5

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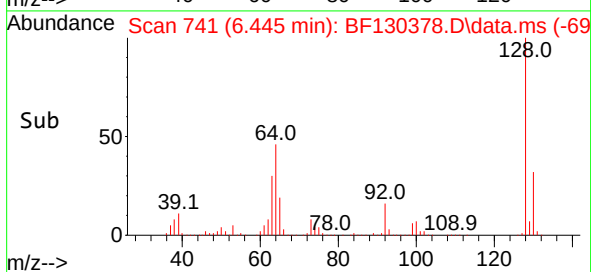
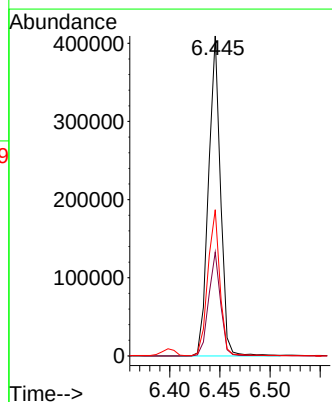
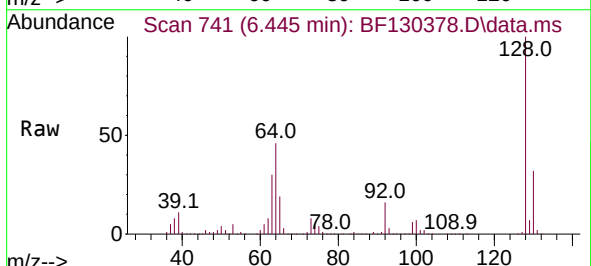
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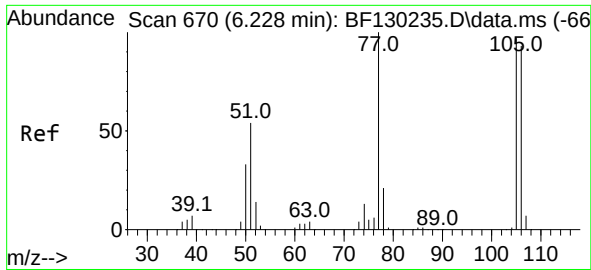
Supervised By :Jagrut
Upadhyay
09/23/2022



#8
2-Chlorophenol
Concen: 42.204 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

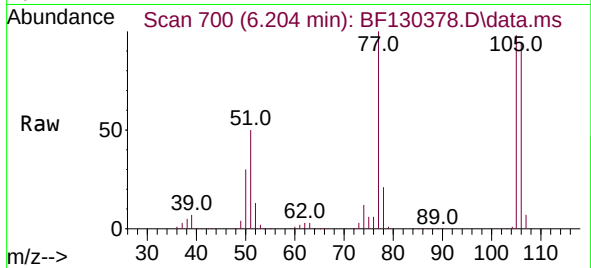
Tgt Ion:128 Resp: 338308
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 45.7 31.6 71.6





#9
Benzaldehyde
Concen: 32.586 ng
RT: 6.204 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

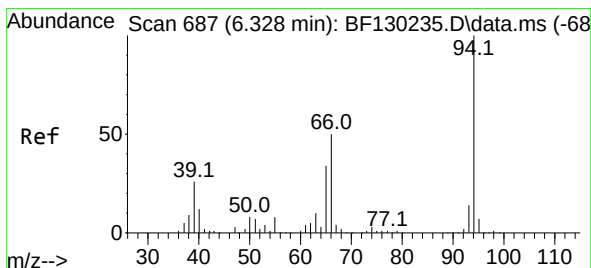
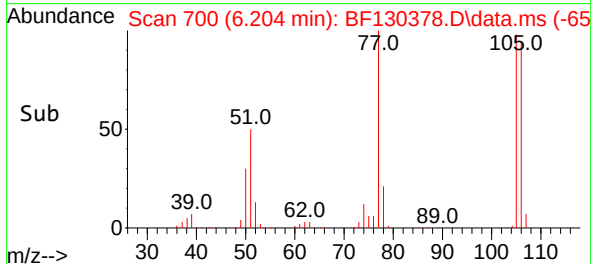
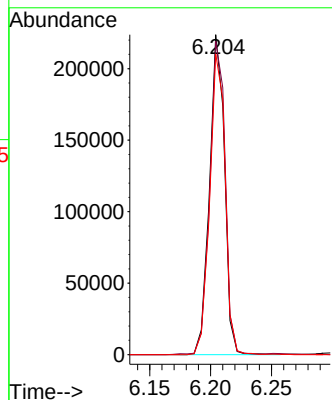


Tgt Ion: 77 Resp: 192186
Ion Ratio Lower Upper
77 100
105 98.0 75.1 115.1
106 94.0 69.7 109.7

Manual Integrations
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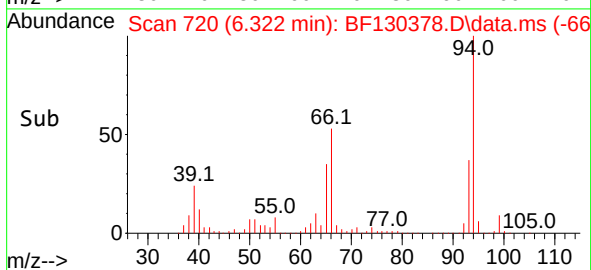
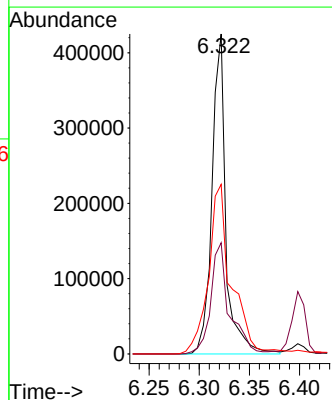
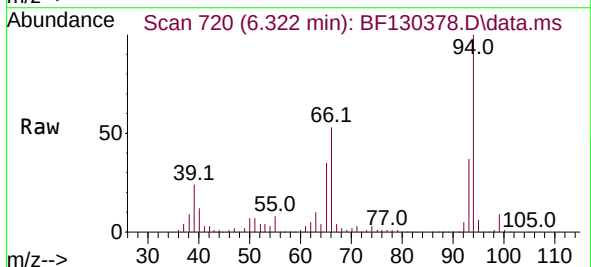
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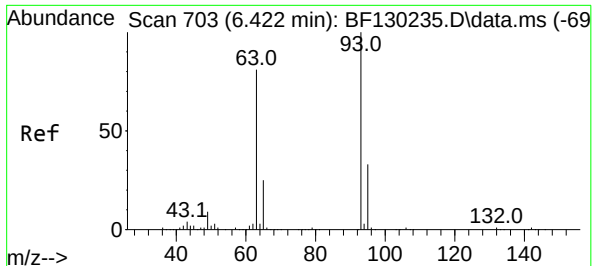
Supervised By :Jagrut
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09/23/2022



#10
Phenol
Concen: 39.478 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Tgt Ion: 94 Resp: 407350
Ion Ratio Lower Upper
94 100
65 34.7 14.1 54.1
66 53.0 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 44.227 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

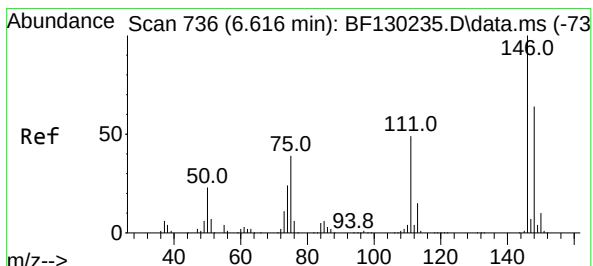
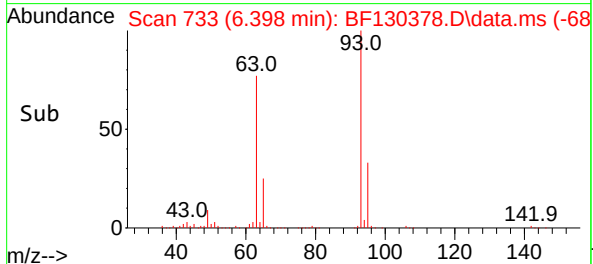
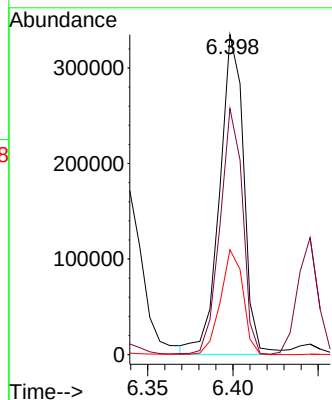
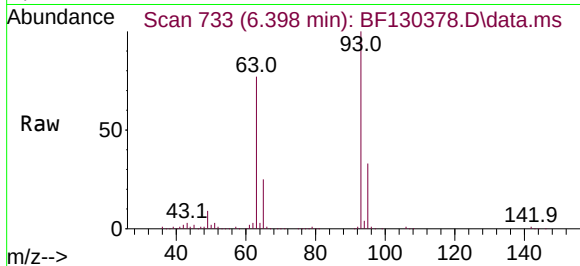
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 93 Resp: 329156
Ion Ratio Lower Upper
93 100
63 76.9 62.5 102.5
95 32.8 12.5 52.5

Manual Integrations
APPROVED

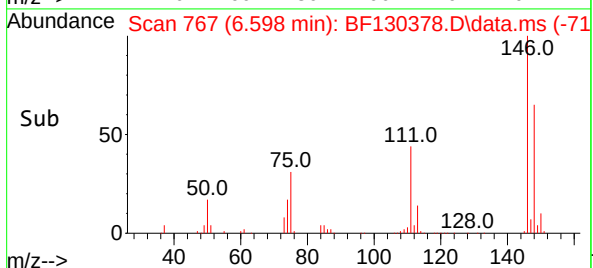
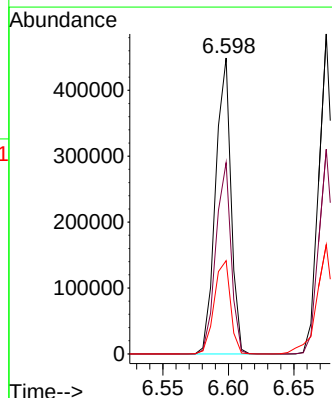
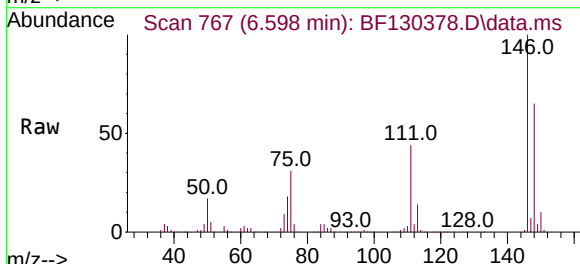
Reviewed By :Christian
Giraldo
09/23/2022

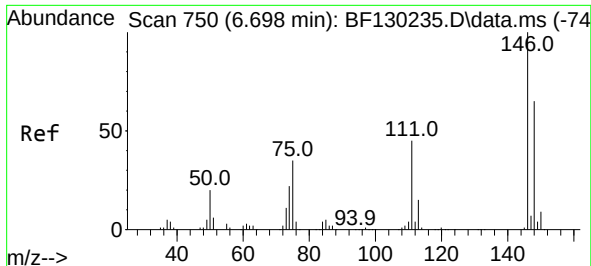
Supervised By :Jagrut
Upadhyay
09/23/2022



#12
1,3-Dichlorobenzene
Concen: 41.615 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Tgt Ion:146 Resp: 367054
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 31.5 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 40.804 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130378.D

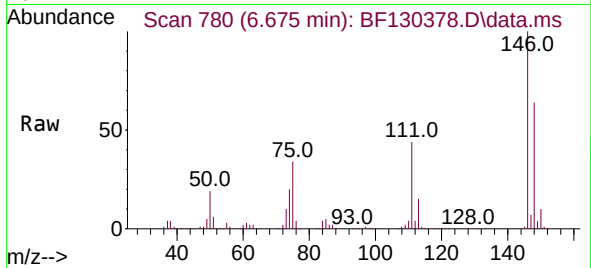
Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



Tgt Ion:146 Resp: 367011

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

111 44.4 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian

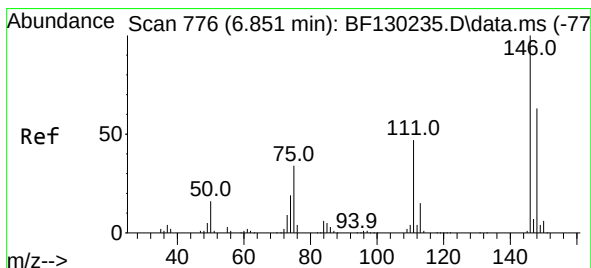
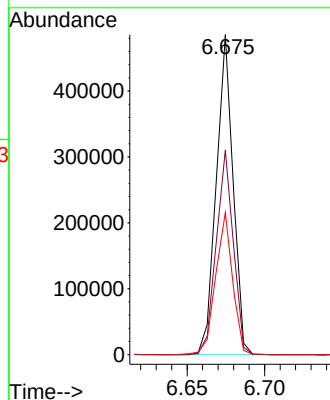
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#14

1,2-Dichlorobenzene

Concen: 42.143 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

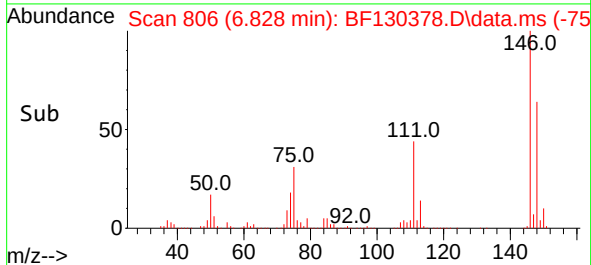
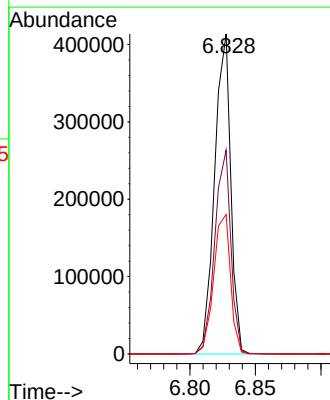
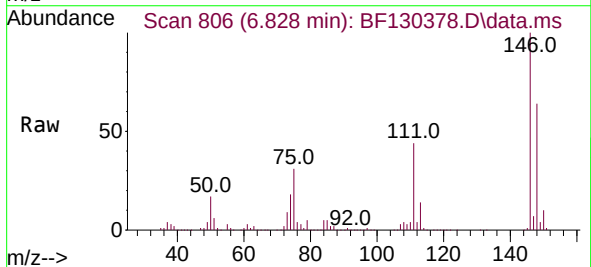
Tgt Ion:146 Resp: 354096

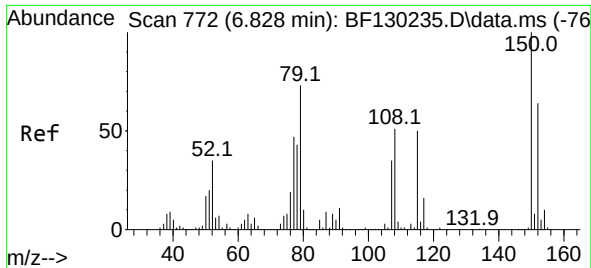
Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

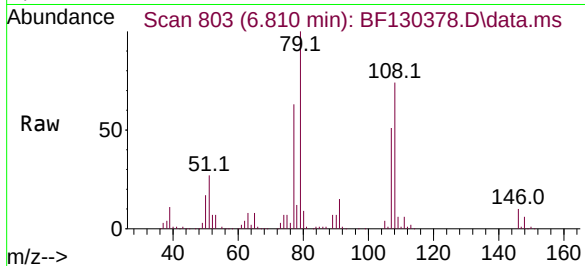
111 43.6 39.2 58.8





#15
Benzyl Alcohol
Concen: 27.678 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

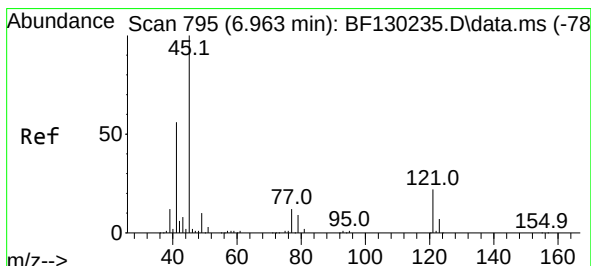
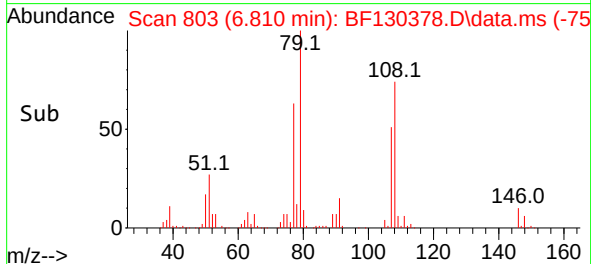
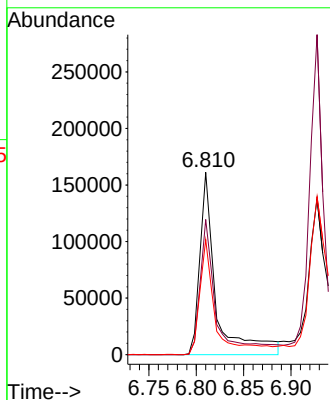


Tgt Ion: 79 Resp: 193217
Ion Ratio Lower Upper
79 100
108 74.1 54.0 81.0
77 63.1 51.3 76.9

Manual Integrations
APPROVED

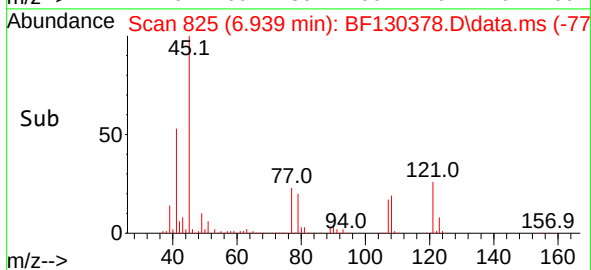
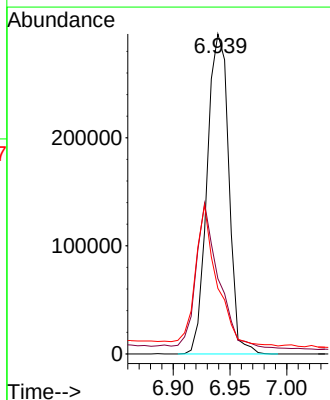
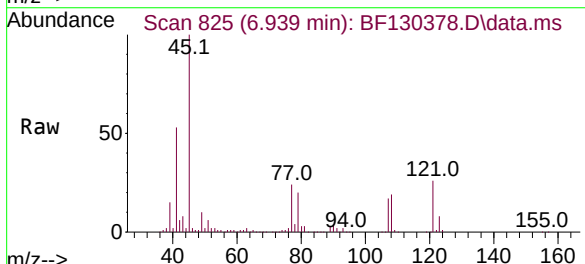
Reviewed By :Christian
Giraldo
09/23/2022

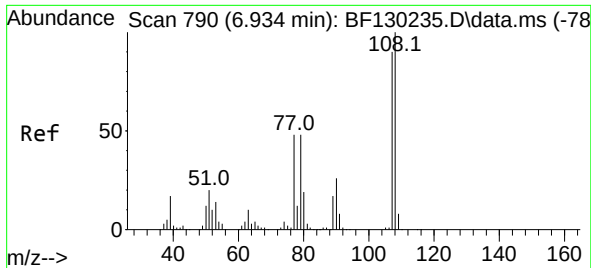
Supervised By :Jagrut
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.076 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

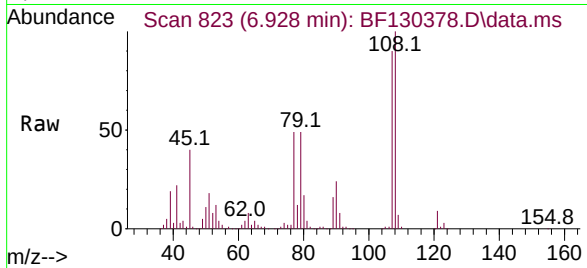
Tgt Ion: 45 Resp: 391605
Ion Ratio Lower Upper
45 100
77 23.6 0.0 34.9
79 20.5 0.0 31.0





#17
2-Methylphenol
Concen: 40.541 ng
RT: 6.928 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

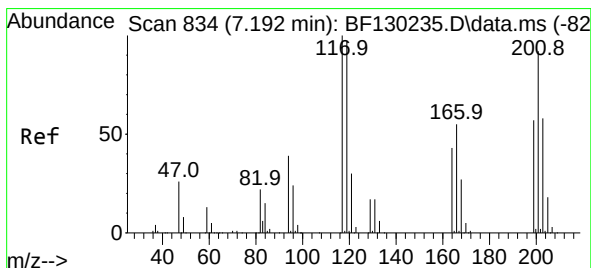
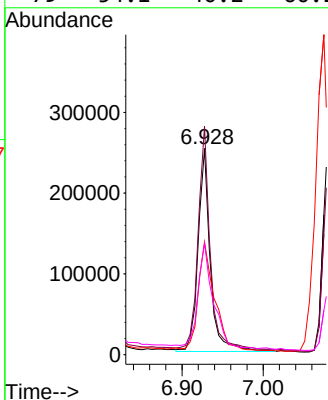


Tgt Ion:107 Resp: 264173
Ion Ratio Lower Upper
107 100
108 110.9 89.4 134.0
77 54.7 40.6 60.8
79 54.1 40.2 60.2

Manual Integrations
APPROVED

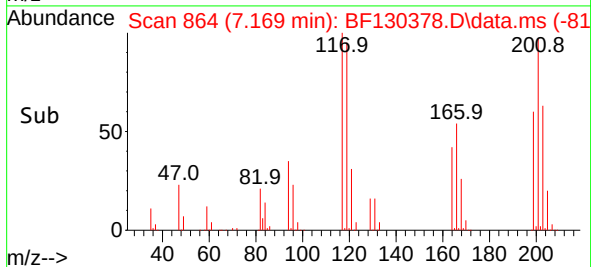
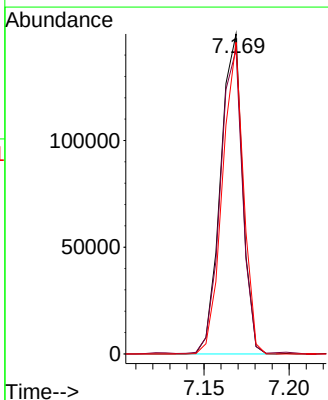
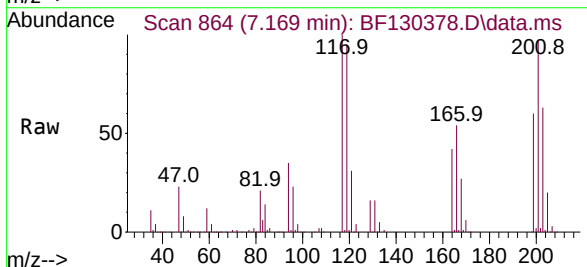
Reviewed By :Christian
Giraldo
09/23/2022

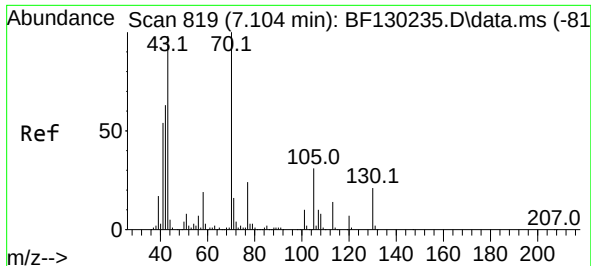
Supervised By :Jagrut
Upadhyay
09/23/2022



#18
Hexachloroethane
Concen: 37.973 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Tgt Ion:117 Resp: 134632
Ion Ratio Lower Upper
117 100
119 95.0 77.8 116.6
201 97.4 68.7 103.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.171 ng

RT: 7.081 min Scan# 849

Delta R.T. -0.012 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 70 Resp: 226782

Ion Ratio Lower Upper

70 100

42 55.5 50.8 76.2

101 9.5 8.2 12.4

130 23.1 16.6 25.0

Manual Integrations

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Reviewed By :Christian

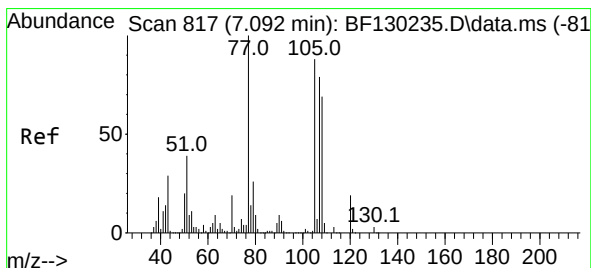
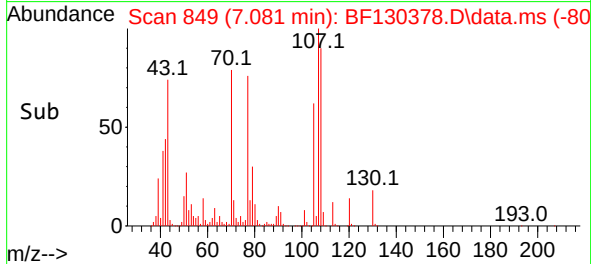
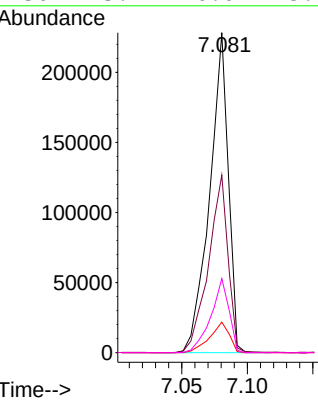
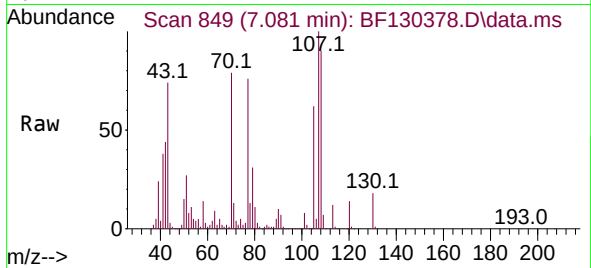
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#20

3+4-Methylphenols

Concen: 39.438 ng

RT: 7.081 min Scan# 849

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Tgt Ion:107 Resp: 333843

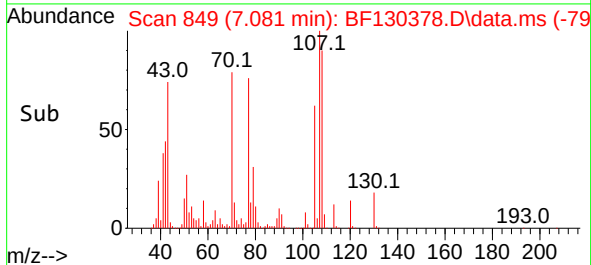
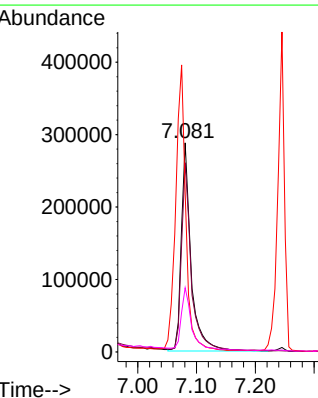
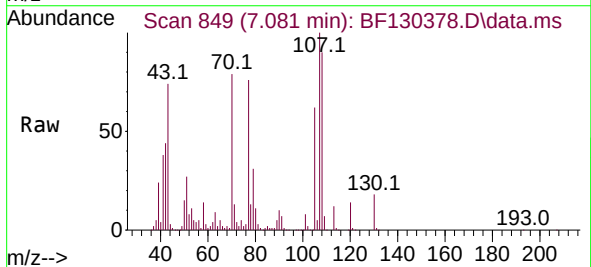
Ion Ratio Lower Upper

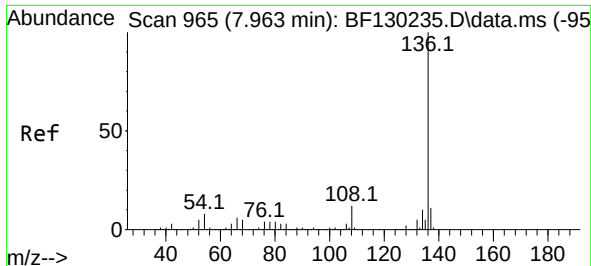
107 100

108 90.5 74.8 114.8

77 76.2 125.8 165.8#

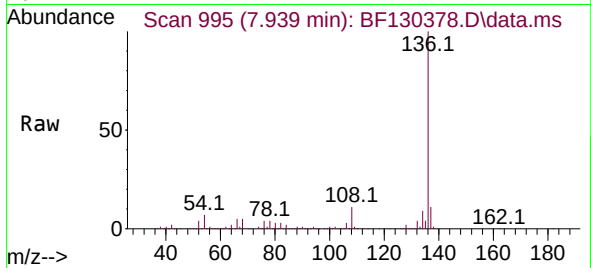
79 30.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

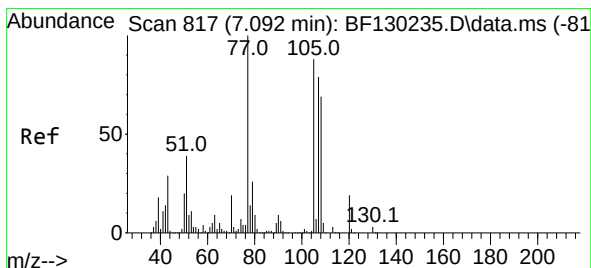
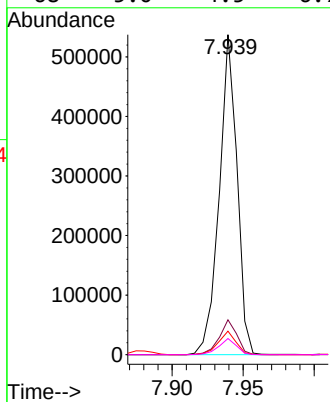
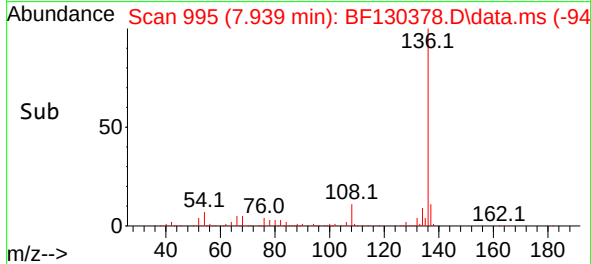


Tgt Ion:136 Resp: 468569
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.3 7.1 10.7
68 5.0 4.5 6.7

Manual Integrations
APPROVED

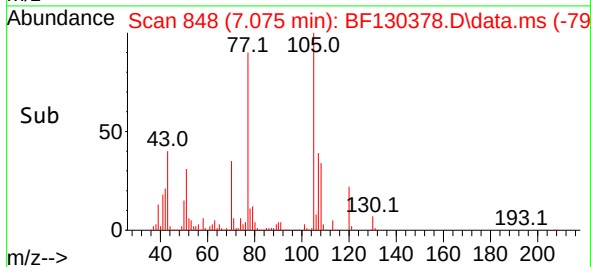
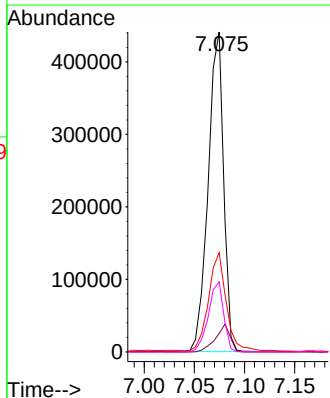
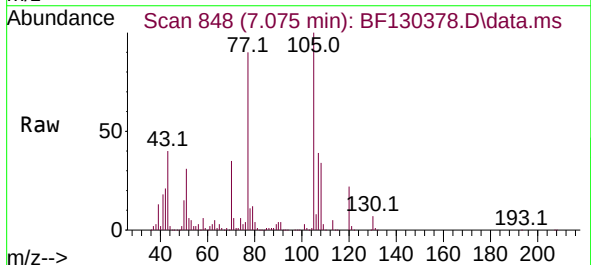
Reviewed By :Christian
Giraldo
09/23/2022

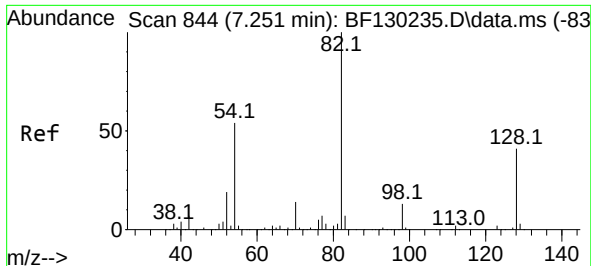
Supervised By :Jagrut
Upadhyay
09/23/2022



#22
Acetophenone
Concen: 41.192 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

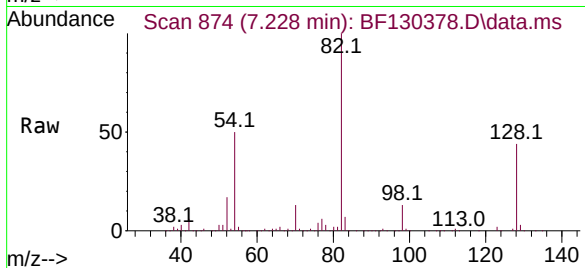
Tgt Ion:105 Resp: 471890
Ion Ratio Lower Upper
105 100
71 5.7 3.9 5.9
51 31.0 32.2 48.2#
120 21.9 17.3 25.9





#23
Nitrobenzene-d5
Concen: 63.391 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

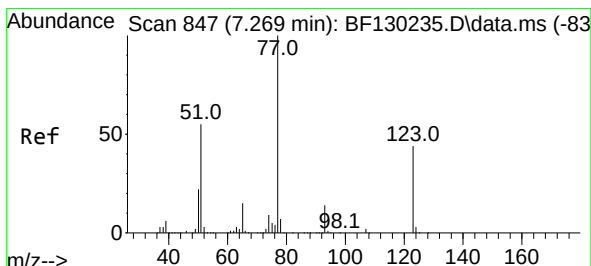
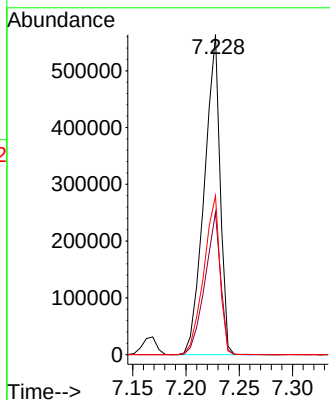
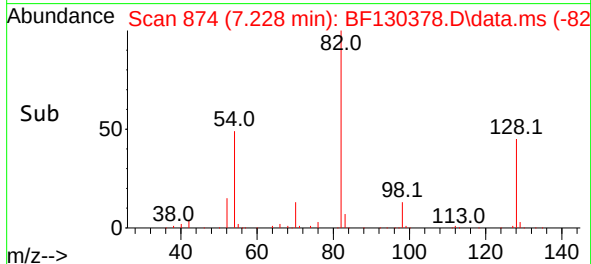


Tgt Ion: 82 Resp: 58140
Ion Ratio Lower Upper
82 100
128 44.4 32.6 49.0
54 49.6 43.8 65.6

Manual Integrations
APPROVED

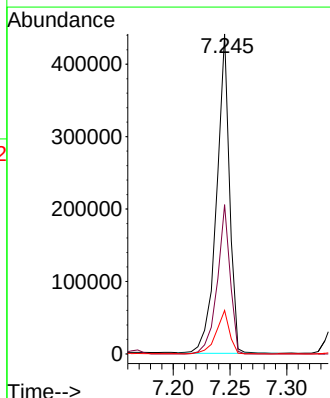
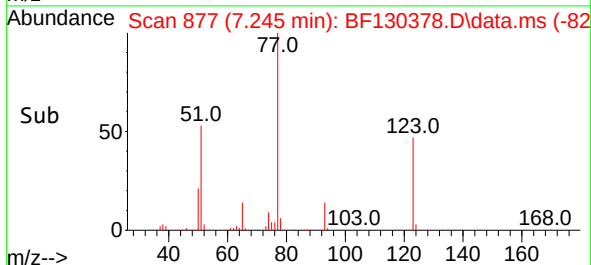
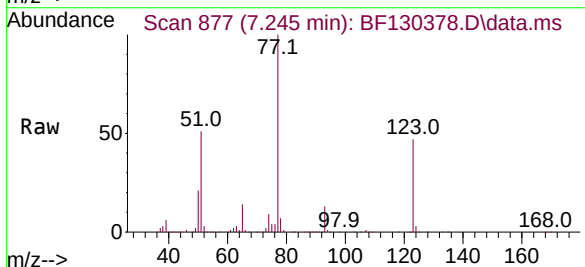
Reviewed By :Christian
Giraldo
09/23/2022

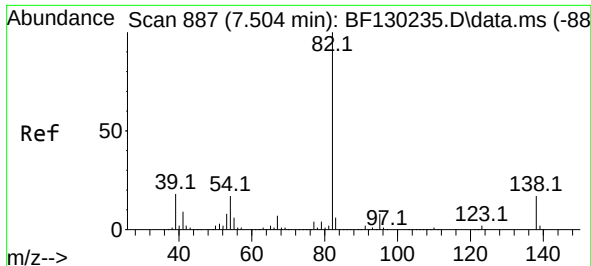
Supervised By :Jagrut
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09/23/2022



#24
Nitrobenzene
Concen: 37.308 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

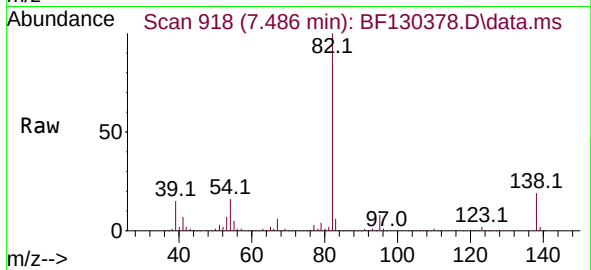
Tgt Ion: 77 Resp: 347441
Ion Ratio Lower Upper
77 100
123 46.6 34.3 51.5
65 13.6 12.0 18.0





#25
Isophorone
Concen: 40.446 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

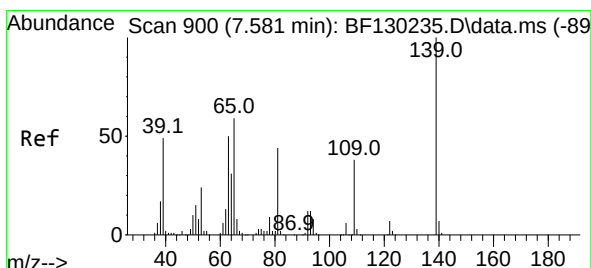
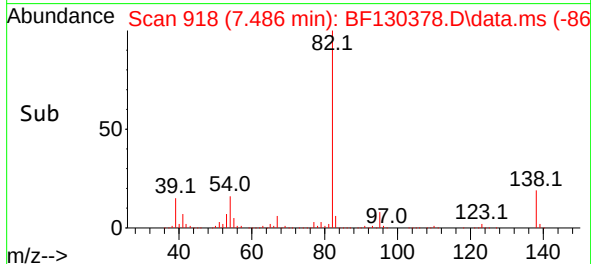
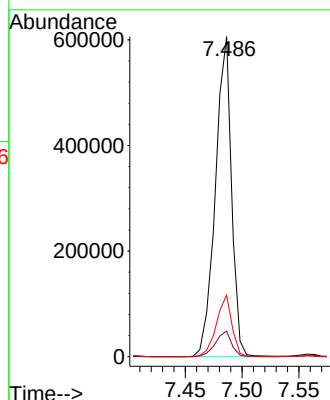


Tgt Ion: 82 Resp: 597898
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 19.2 13.8 20.6

Manual Integrations
APPROVED

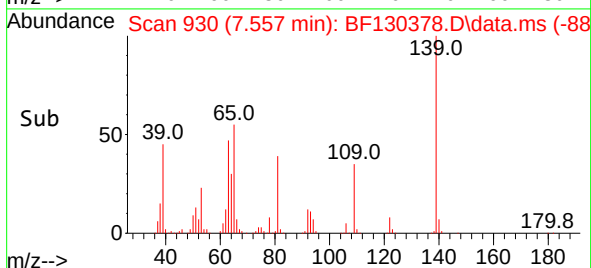
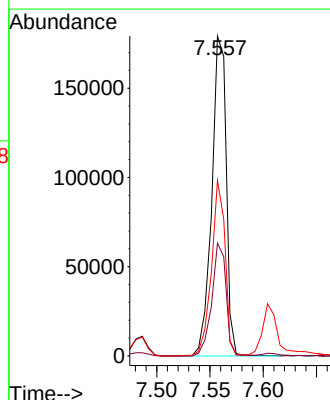
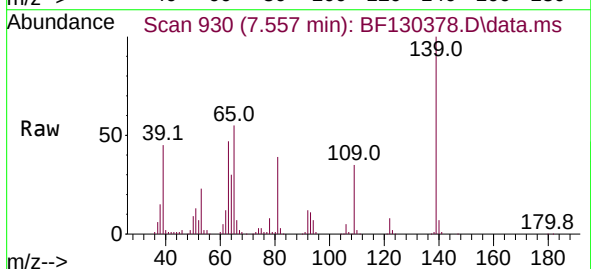
Reviewed By :Christian
Giraldo
09/23/2022

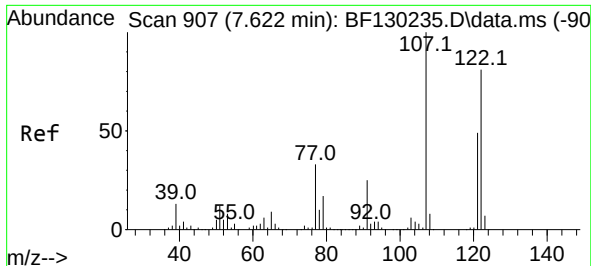
Supervised By :Jagrut
Upadhyay
09/23/2022



#26
2-Nitrophenol
Concen: 44.407 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Tgt Ion:139 Resp: 169533
Ion Ratio Lower Upper
139 100
109 35.2 30.2 45.4
65 54.8 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 49.169 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

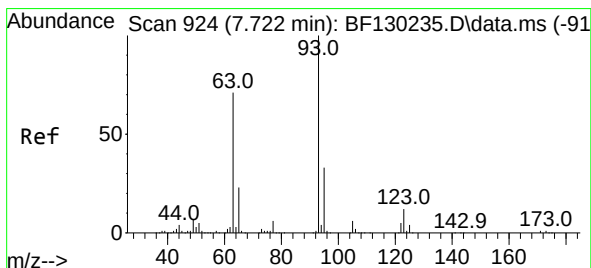
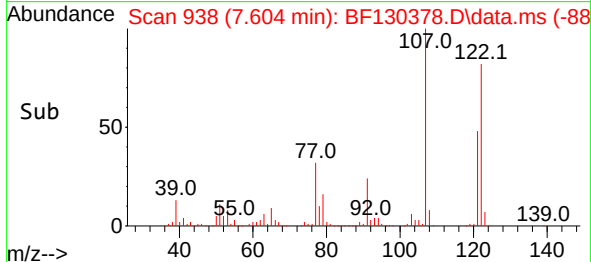
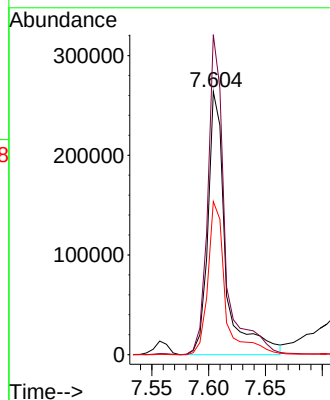
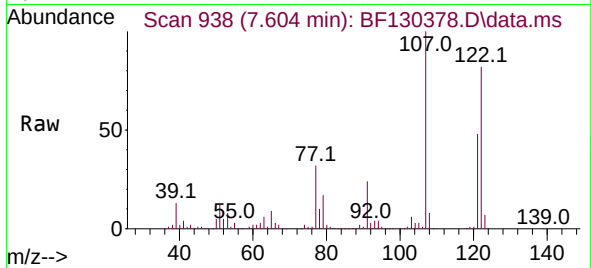
WC-1MSD

Tgt Ion:122 Resp: 28902
 Ion Ratio Lower Upper
 122 100
 107 121.7 100.2 150.2
 121 58.2 47.8 71.8

Manual Integrations
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Reviewed By :Christian
 Giraldo
 09/23/2022

Supervised By :Jagrut
 Upadhyay
 09/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.243 ng

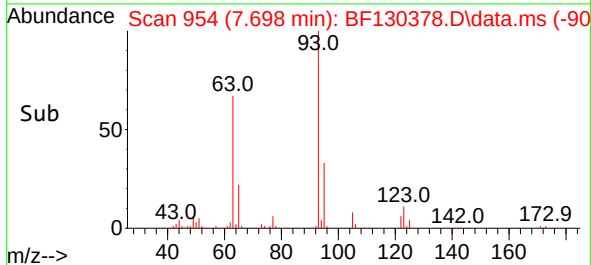
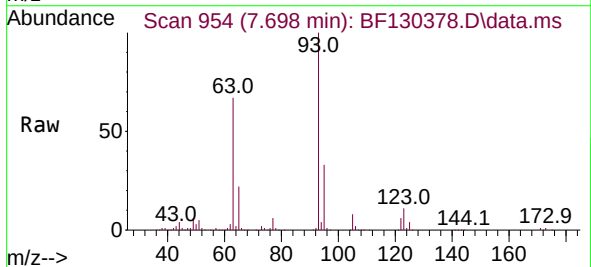
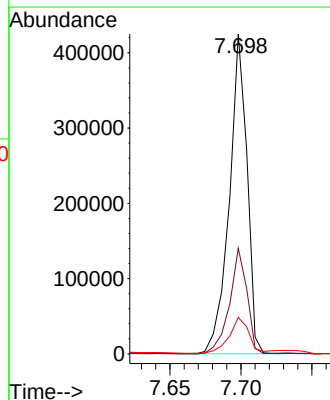
RT: 7.698 min Scan# 954

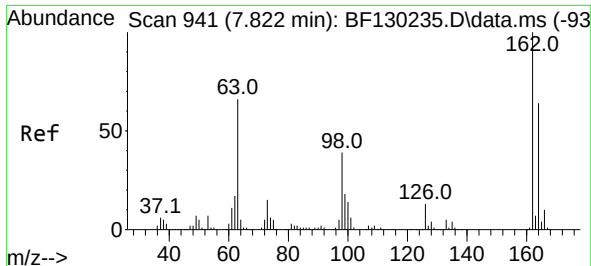
Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Tgt Ion: 93 Resp: 368273
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.4 9.4 14.2





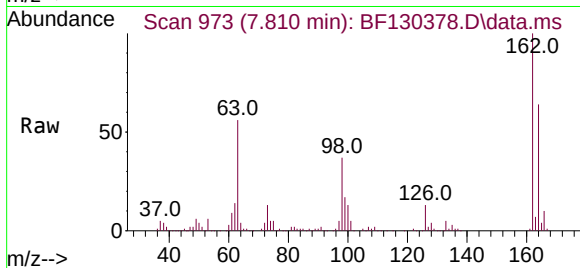
#29
2,4-Dichlorophenol
Concen: 40.047 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

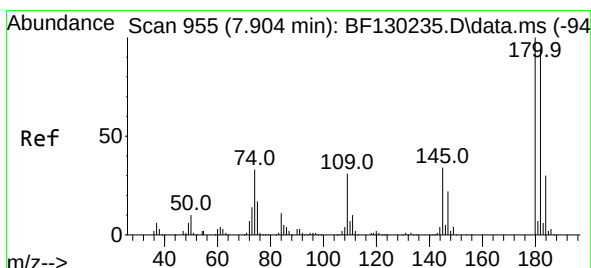
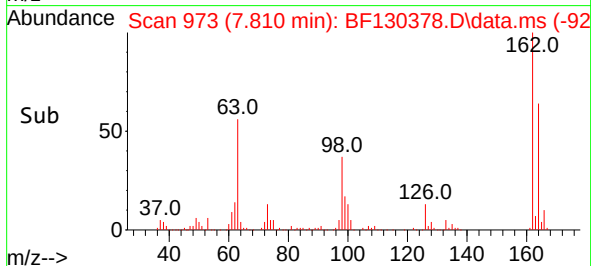
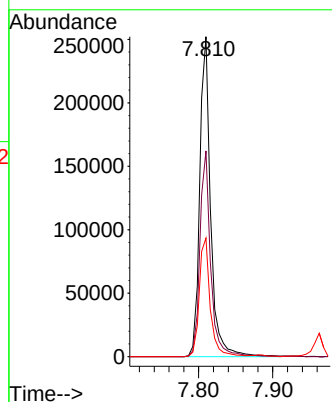


Tgt Ion:162 Resp: 257964
Ion Ratio Lower Upper
162 100
164 64.3 42.2 82.2
98 37.0 21.7 61.7

Manual Integrations
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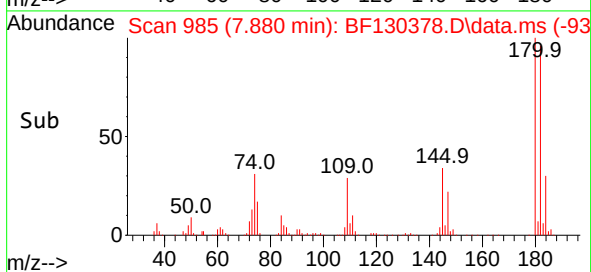
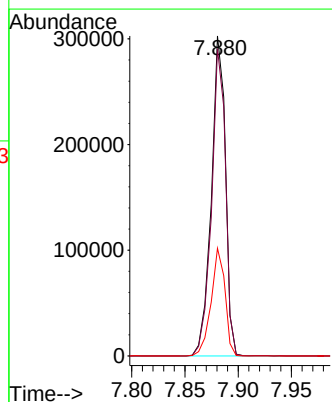
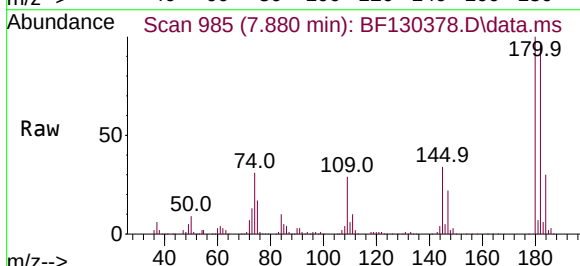
Reviewed By :Christian
Giraldo
09/23/2022

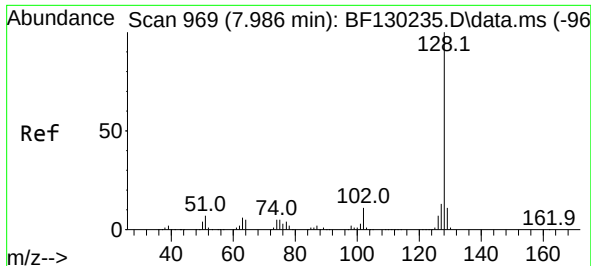
Supervised By :Jagrut
Upadhyay
09/23/2022



#30
1,2,4-Trichlorobenzene
Concen: 40.112 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

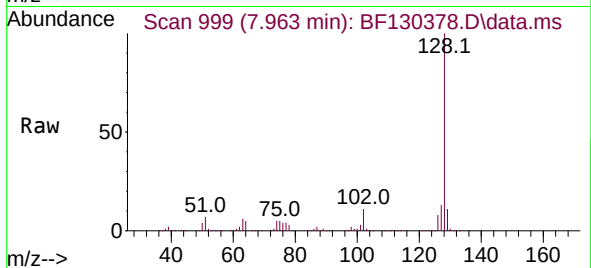
Tgt Ion:180 Resp: 279356
Ion Ratio Lower Upper
180 100
182 96.0 73.3 109.9
145 33.6 28.3 42.5





#31
Naphthalene
Concen: 38.372 ng
RT: 7.963 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

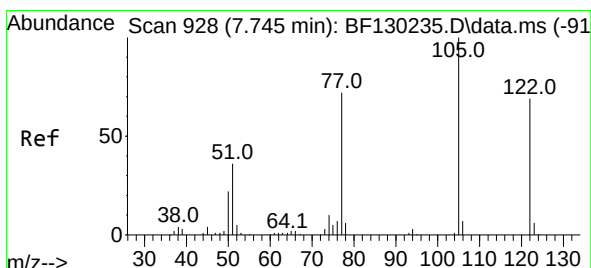
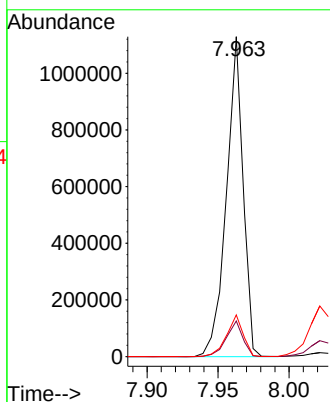
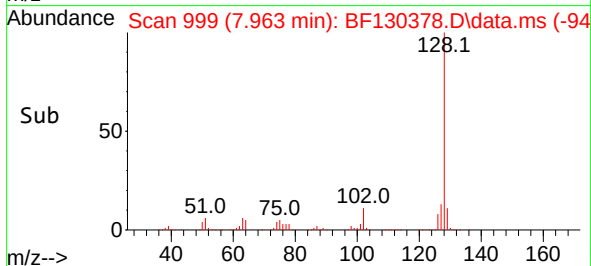


Tgt Ion:128 Resp: 926307
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.6 16.0

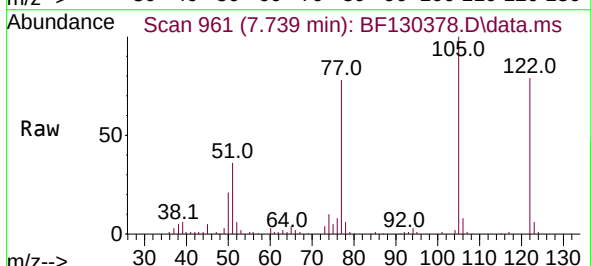
Manual Integrations
APPROVED

Reviewed By :Christian
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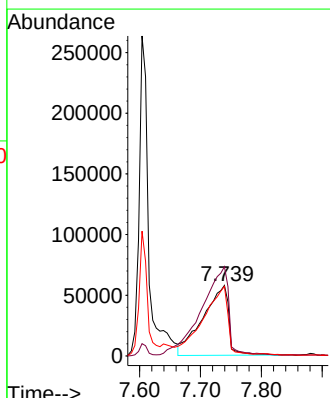
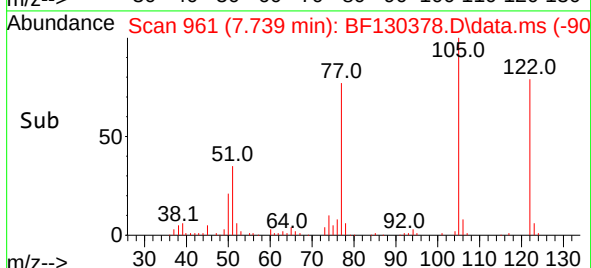
Supervised By :Jagrut
Upadhyay
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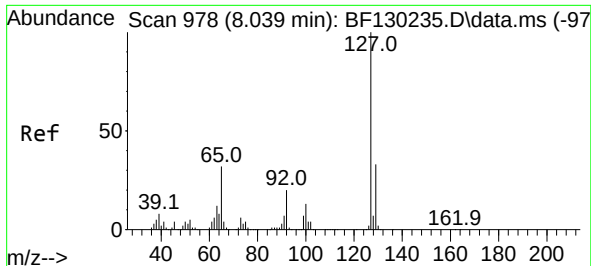


#32
Benzoic acid
Concen: 37.585 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



Tgt Ion:122 Resp: 170852
Ion Ratio Lower Upper
122 100
105 126.5 112.9 152.9
77 98.7 82.8 122.8





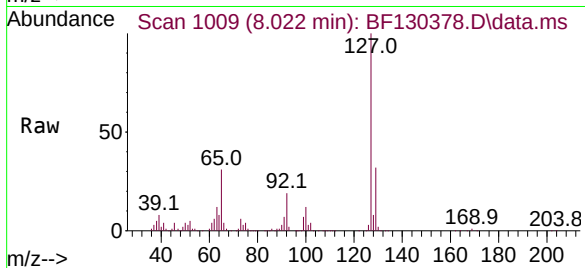
#33
4-Chloroaniline
Concen: 25.657 ng
RT: 8.022 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



Tgt Ion:127 Resp: 235568
Ion Ratio Lower Upper
127 100
129 31.6 25.6 38.4
65 31.4 27.0 40.6
92 19.4 15.9 23.9

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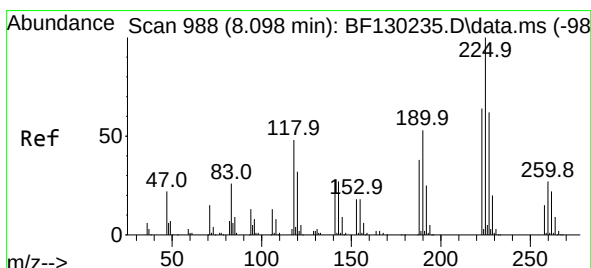
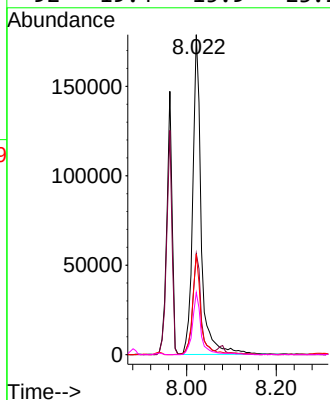
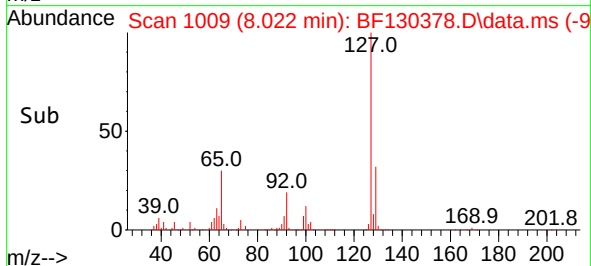
Reviewed By :Christian
Giraldo

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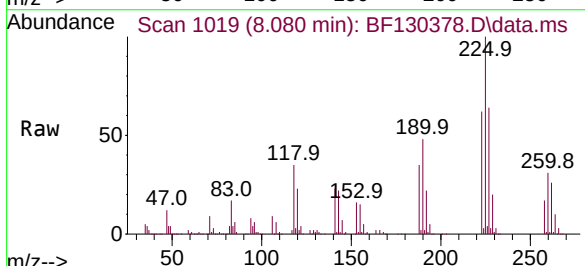
Supervised By :Jagrut

Upadhyay

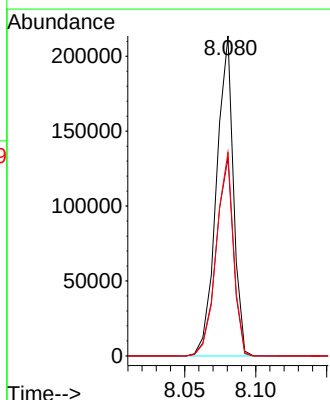
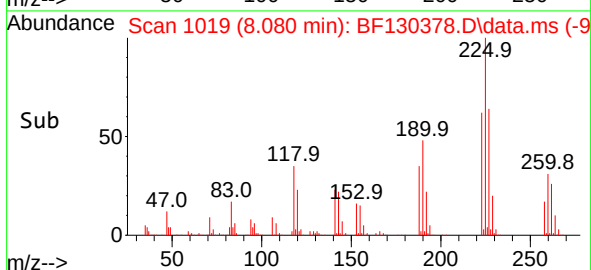
09/23/2022

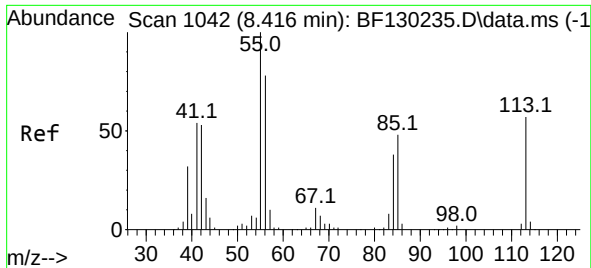


#34
Hexachlorobutadiene
Concen: 39.911 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



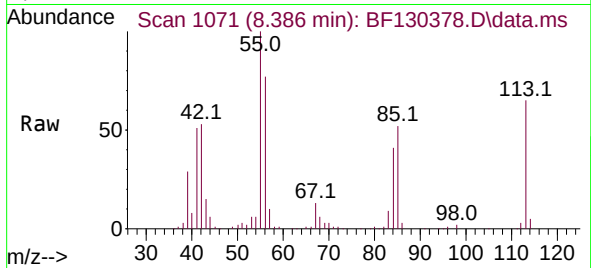
Tgt Ion:225 Resp: 177638
Ion Ratio Lower Upper
225 100
223 61.8 50.3 75.5
227 63.6 51.1 76.7





#35
Caprolactam
Concen: 41.467 ng m
RT: 8.386 min Scan# 1071
Delta R.T. -0.018 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

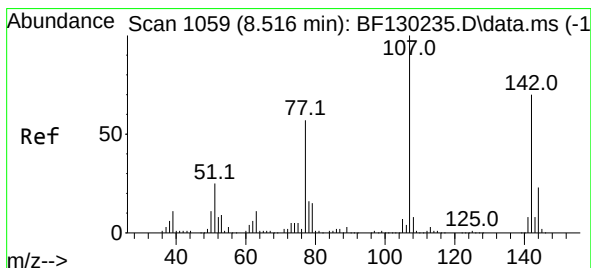
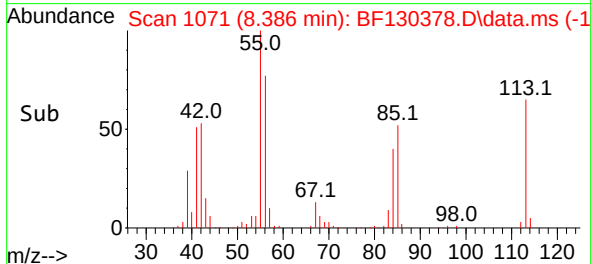
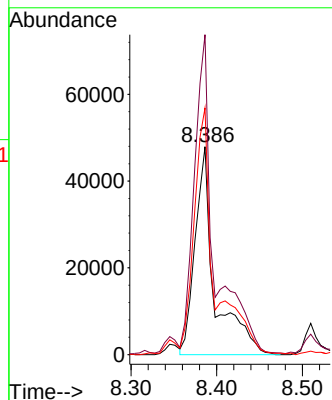


Tgt Ion:113 Resp: 76576
Ion Ratio Lower Upper
113 100
55 153.9 155.4 195.4
56 118.6 120.4 160.4

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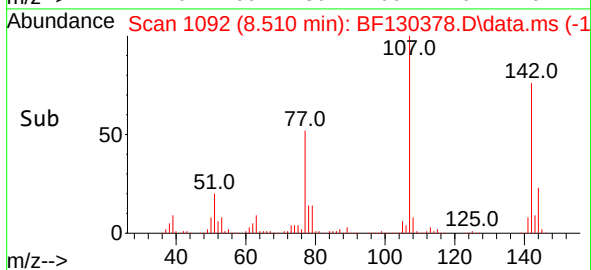
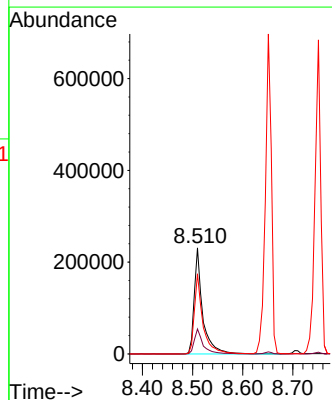
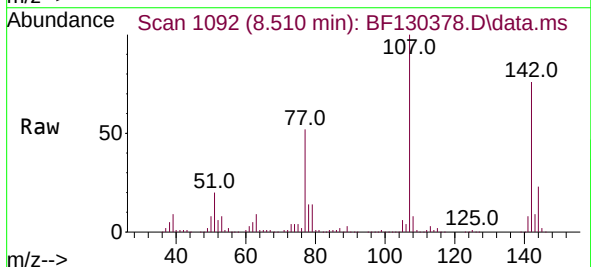
Reviewed By :Christian
Giraldo
09/23/2022

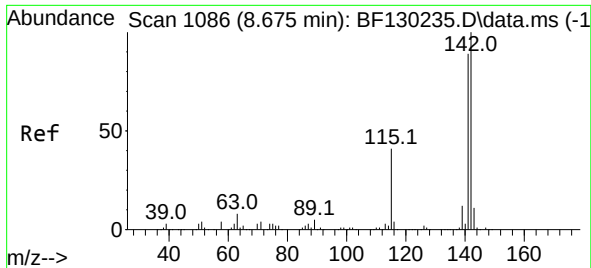
Supervised By :Jagrut
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#36
4-Chloro-3-methylphenol
Concen: 37.634 ng
RT: 8.510 min Scan# 1092
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

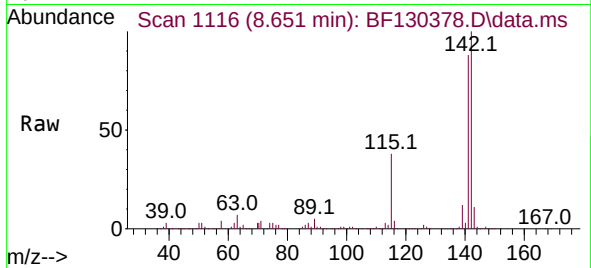
Tgt Ion:107 Resp: 268707
Ion Ratio Lower Upper
107 100
144 23.5 20.0 30.0
142 75.6 61.3 91.9





#37
2-Methylnaphthalene
Concen: 38.008 ng
RT: 8.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

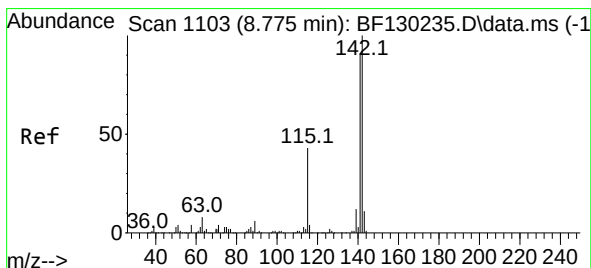
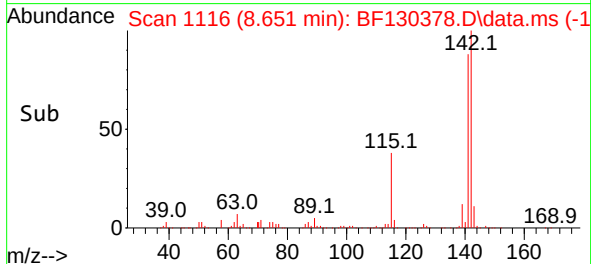
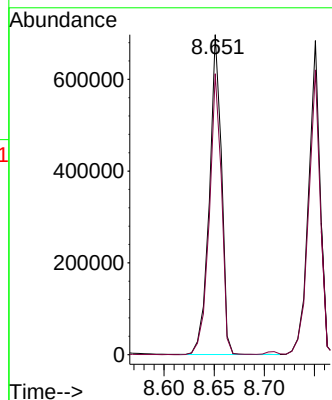


Tgt Ion:142 Resp: 584992
Ion Ratio Lower Upper
142 100
141 87.8 70.0 105.0

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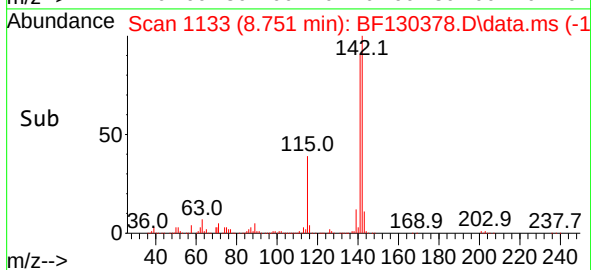
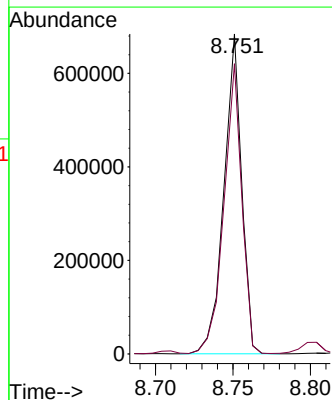
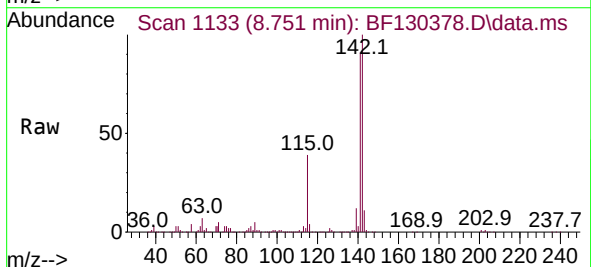
Reviewed By :Christian
Giraldo
09/23/2022

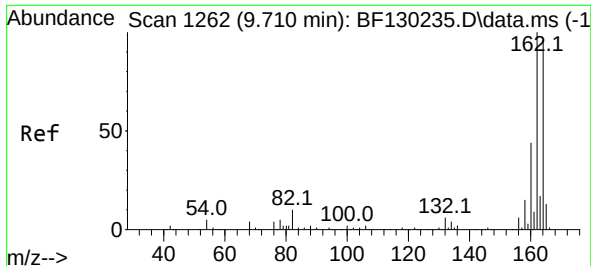
Supervised By :Jagrut
Upadhyay
09/23/2022



#38
1-Methylnaphthalene
Concen: 36.983 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

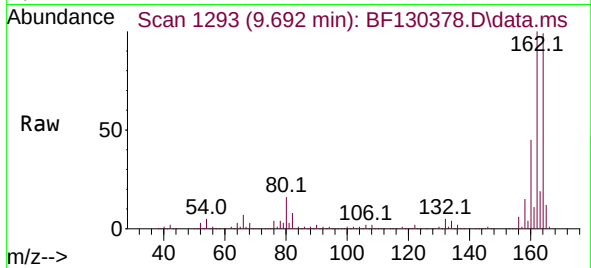
Tgt Ion:142 Resp: 546821
Ion Ratio Lower Upper
142 100
141 90.7 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

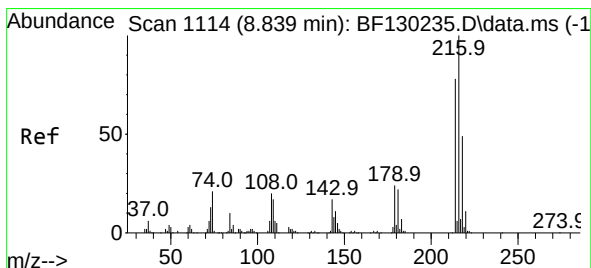
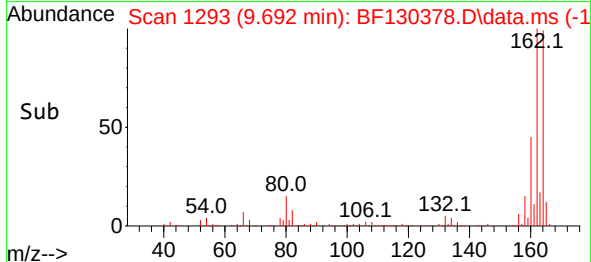
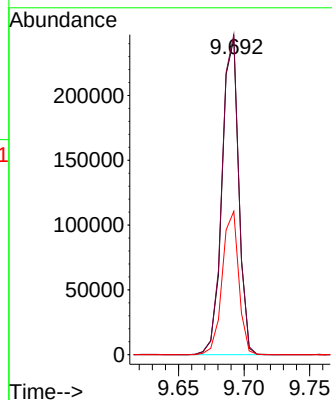


Tgt Ion:164 Resp: 216609
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.4 36.2 54.4

Manual Integrations
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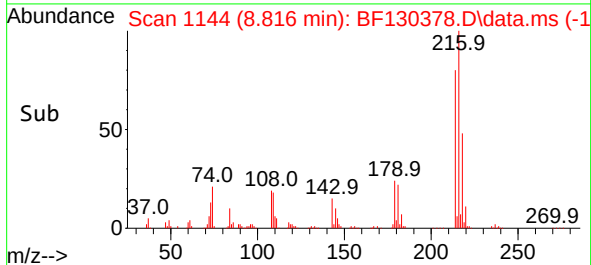
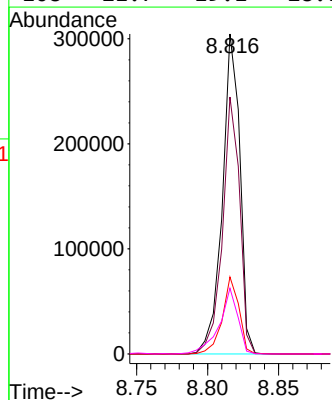
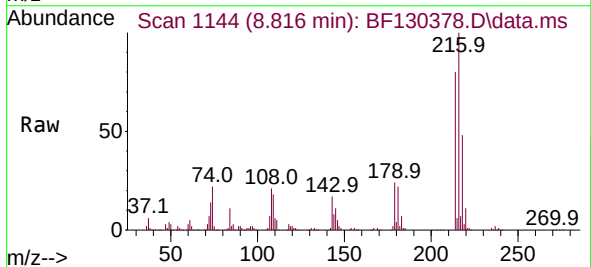
Reviewed By :Christian
Giraldo
09/23/2022

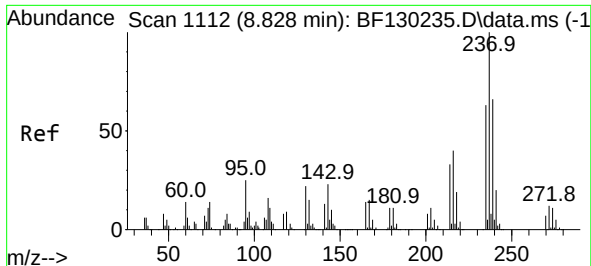
Supervised By :Jagrut
Upadhyay
09/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.306 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

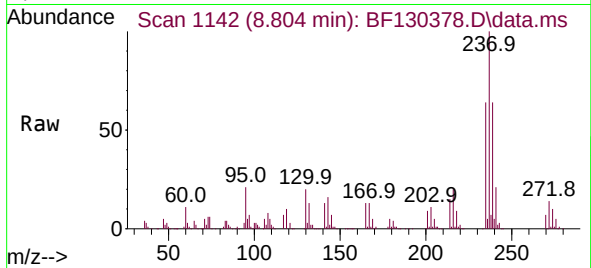
Tgt Ion:216 Resp: 261910
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 22.8 19.5 29.3
108 21.7 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 54.077 ng
RT: 8.804 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

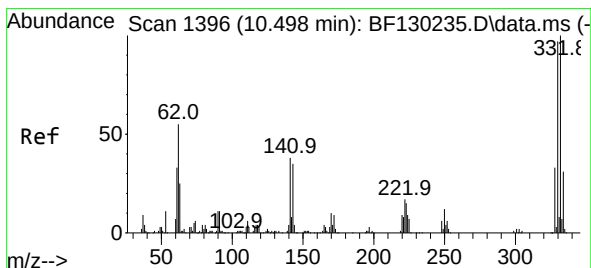
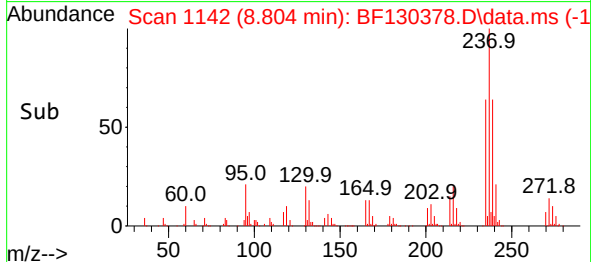
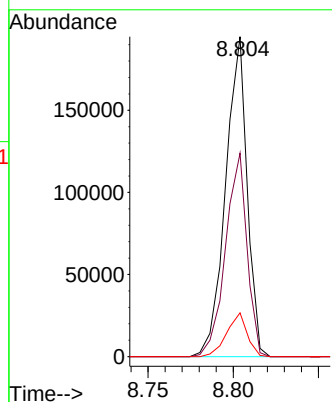


Tgt Ion:237 Resp: 17114
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 13.7 0.0 32.8

Manual Integrations
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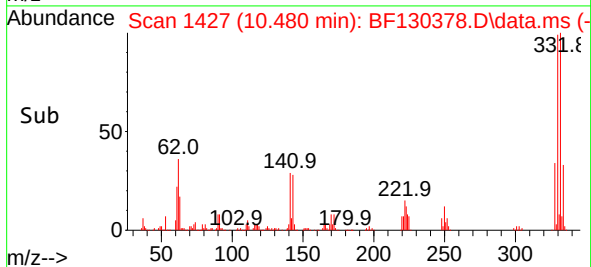
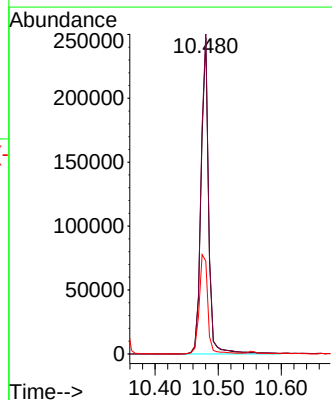
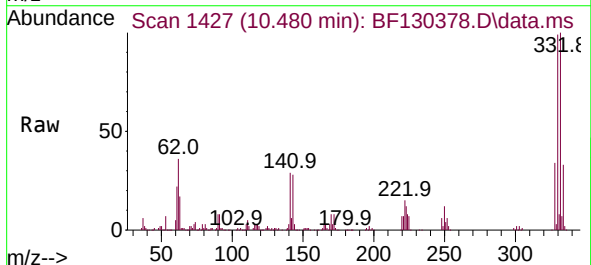
Reviewed By :Christian
Giraldo
09/23/2022

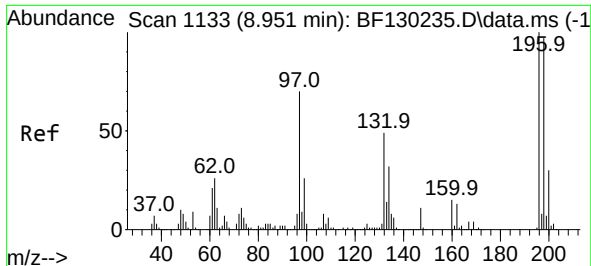
Supervised By :Jagrut
Upadhyay
09/23/2022



#42
2,4,6-Tribromophenol
Concen: 98.903 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Tgt Ion:330 Resp: 205276
Ion Ratio Lower Upper
330 100
332 102.0 83.4 125.2
141 35.9 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 39.746 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:196 Resp: 163975

Ion Ratio Lower Upper

196 100

198 95.2 72.4 108.6

200 30.6 23.8 35.6

Manual Integrations

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Reviewed By :Christian

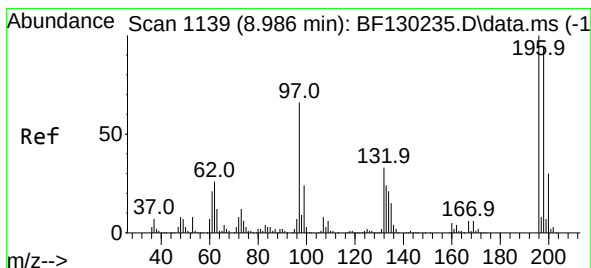
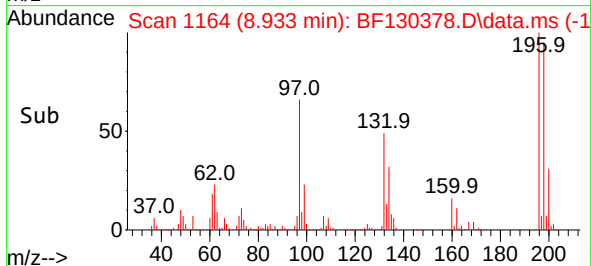
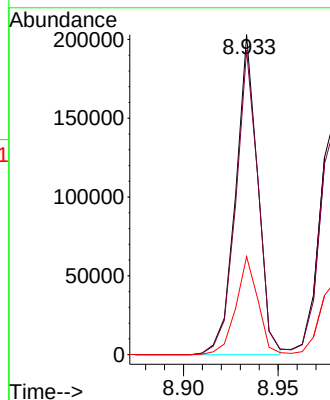
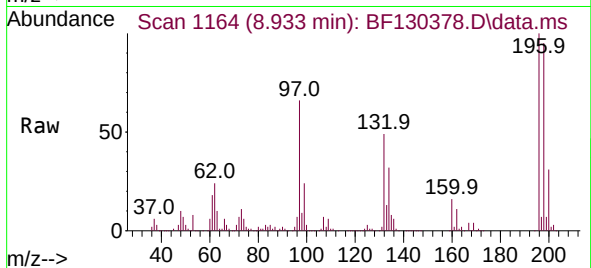
Giraldo

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Supervised By :Jagrut

Upadhyay

09/23/2022



#44

2,4,5-Trichlorophenol

Concen: 39.484 ng

RT: 8.980 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Tgt Ion:196 Resp: 175781

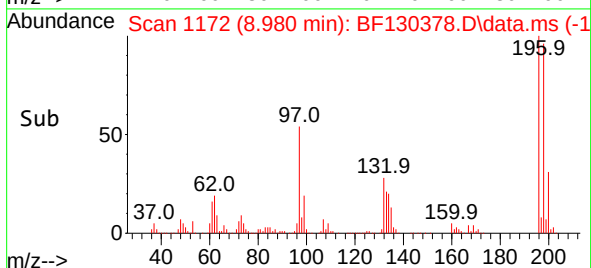
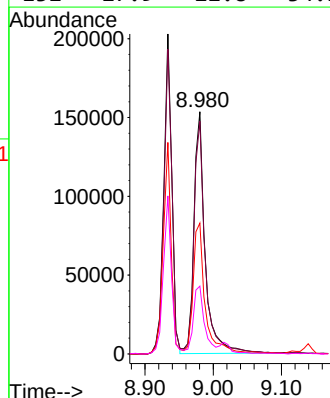
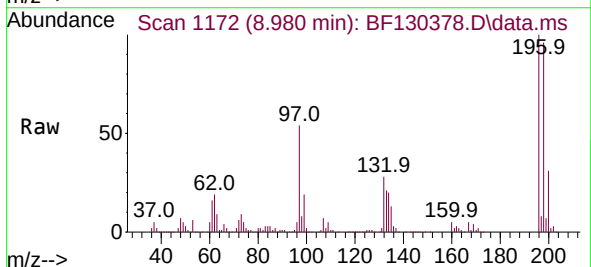
Ion Ratio Lower Upper

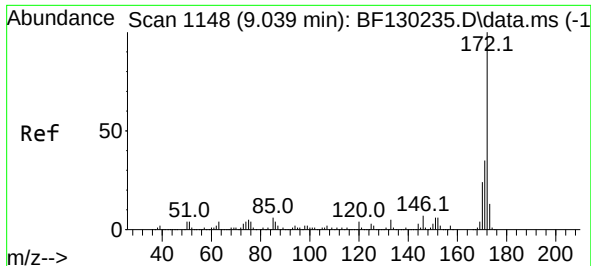
196 100

198 96.0 74.8 112.2

97 54.0 43.7 65.5

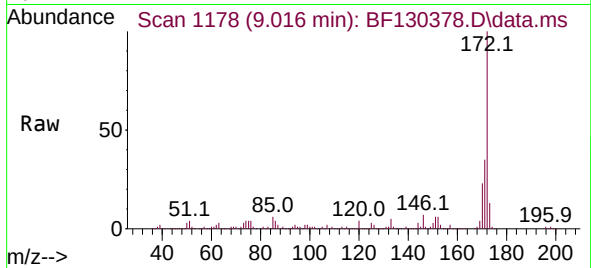
132 27.9 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 65.169 ng
RT: 9.016 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

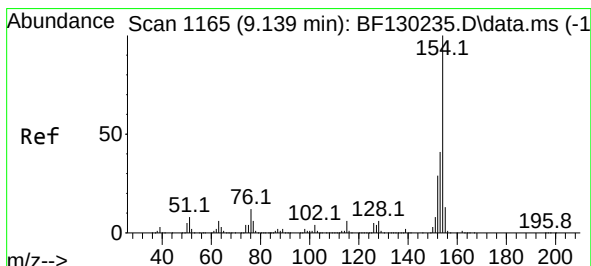
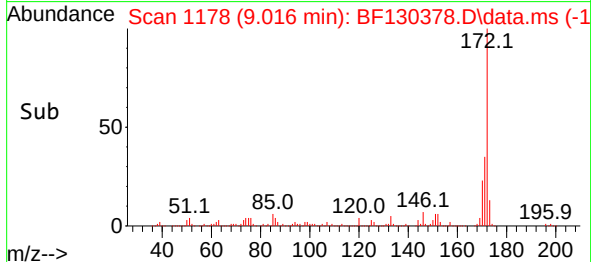
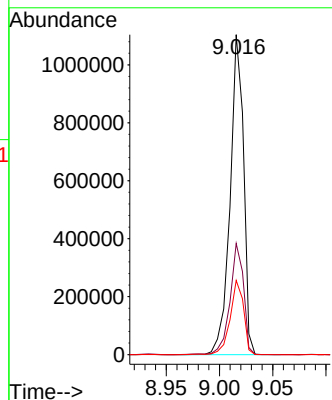


Tgt Ion:172 Resp: 969382
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 18.7 28.1

Manual Integrations
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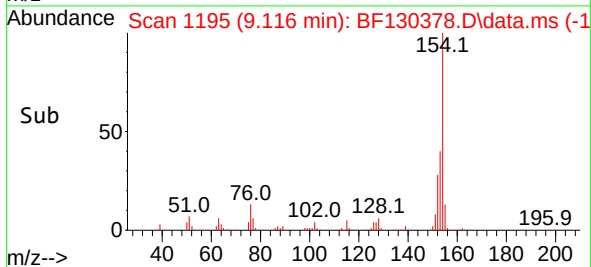
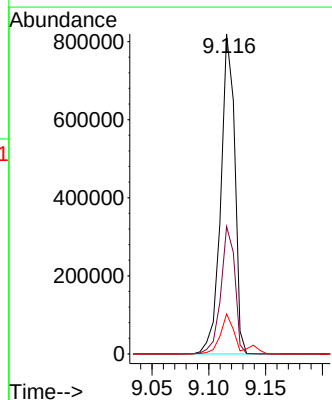
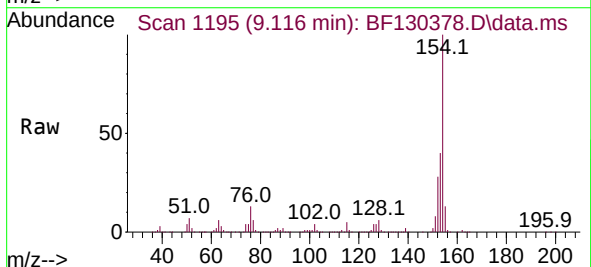
Reviewed By :Christian
Giraldo
09/23/2022

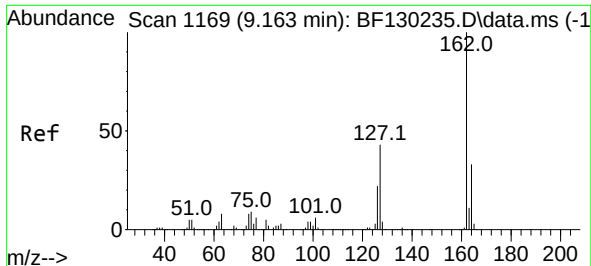
Supervised By :Jagrut
Upadhyay
09/23/2022



#46
1,1'-Biphenyl
Concen: 43.196 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Tgt Ion:154 Resp: 698802
Ion Ratio Lower Upper
154 100
153 39.8 20.0 60.0
76 12.5 0.0 33.3





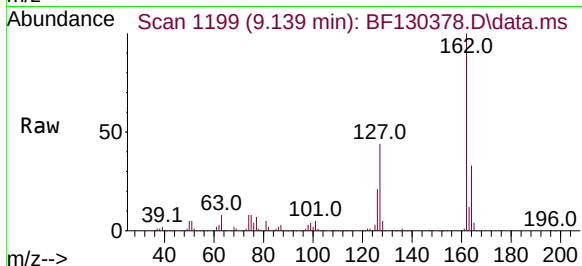
#47
2-Chloronaphthalene
Concen: 40.641 ng
RT: 9.139 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

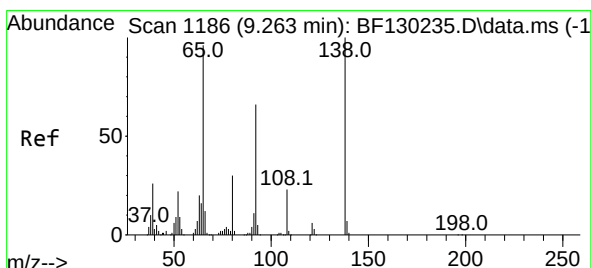
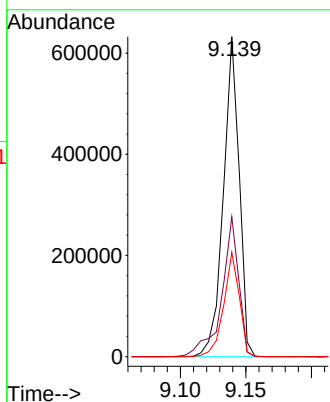
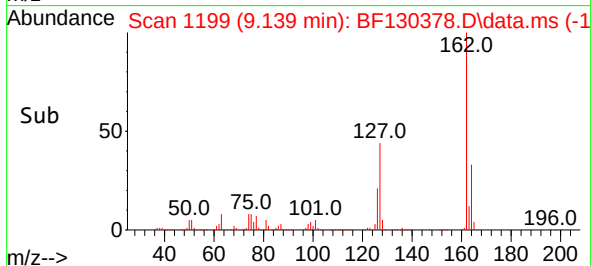


Tgt Ion: 162 Resp: 531842
Ion Ratio Lower Upper
162 100
127 43.7 35.9 53.9
164 32.6 26.2 39.2

Manual Integrations
APPROVED

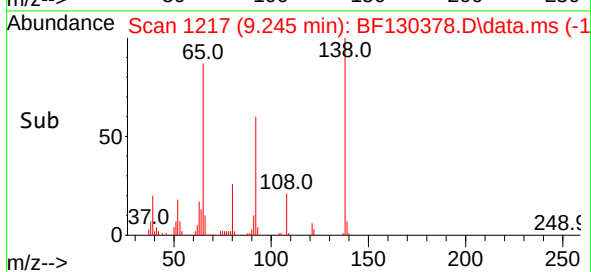
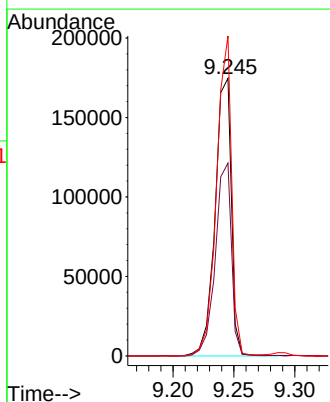
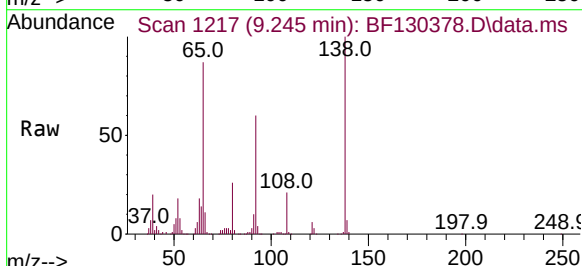
Reviewed By :Christian
Giraldo
09/23/2022

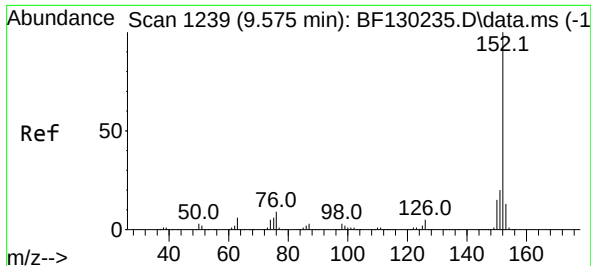
Supervised By :Jagrut
Upadhyay
09/23/2022



#48
2-Nitroaniline
Concen: 37.167 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

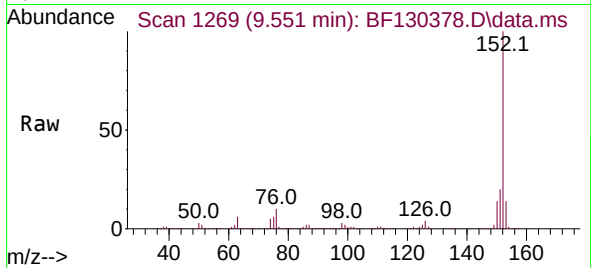
Tgt Ion: 65 Resp: 162222
Ion Ratio Lower Upper
65 100
92 69.4 52.2 78.4
138 115.3 77.0 115.4





#49
Acenaphthylene
Concen: 38.408 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

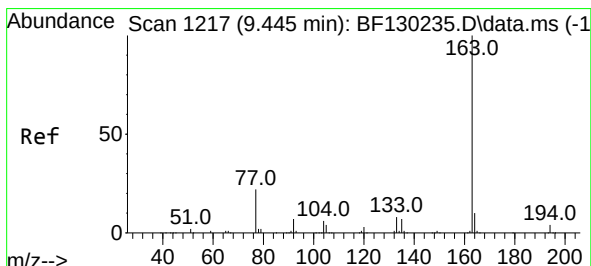
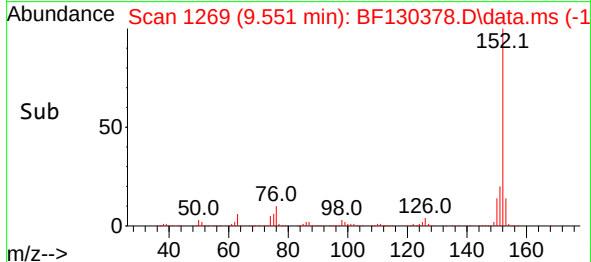
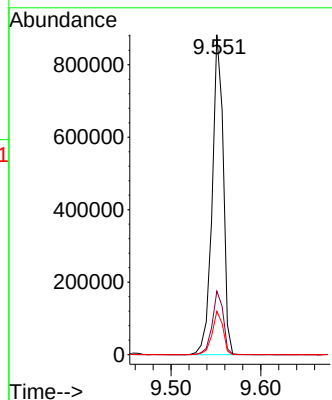


Tgt Ion:152 Resp: 753598
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.5 10.6 15.8

Manual Integrations
APPROVED

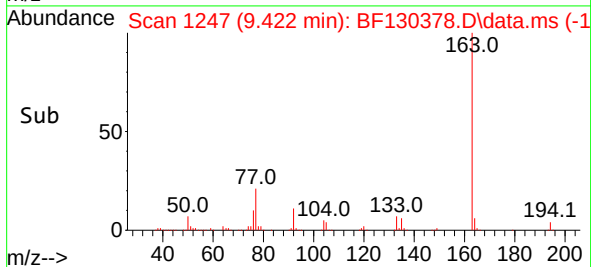
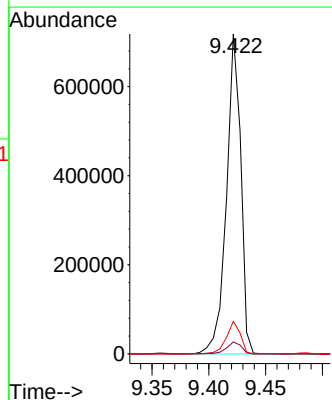
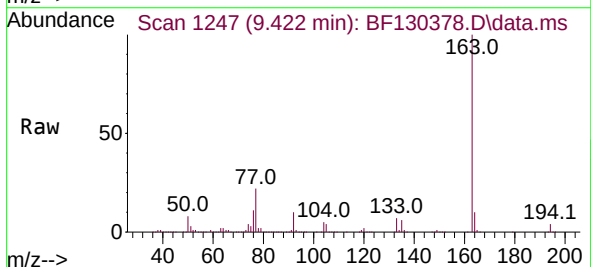
Reviewed By :Christian
Giraldo
09/23/2022

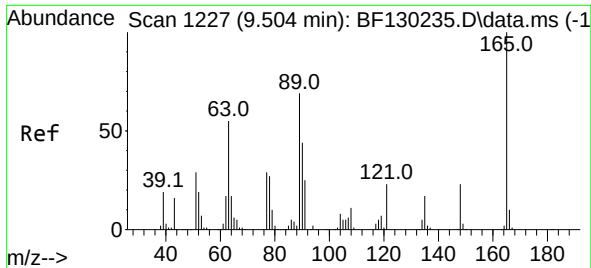
Supervised By :Jagrut
Upadhyay
09/23/2022



#50
Dimethylphthalate
Concen: 41.906 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

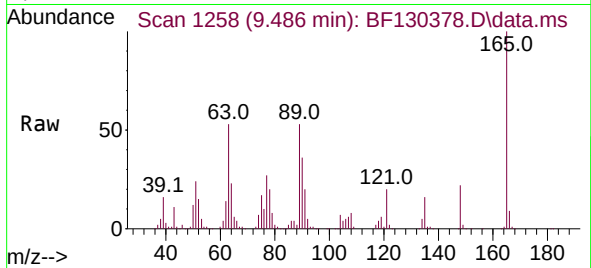
Tgt Ion:163 Resp: 627022
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.918 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

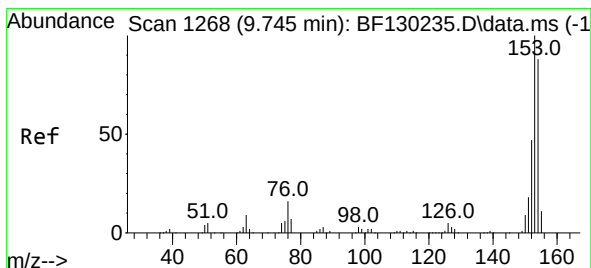
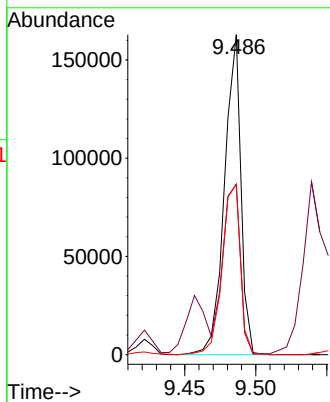
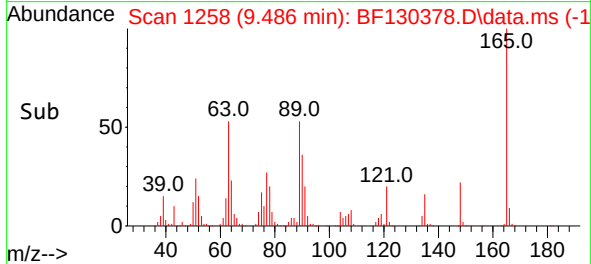


Tgt Ion:165 Resp: 131170
Ion Ratio Lower Upper
165 100
63 53.2 58.8 88.2
89 53.2 54.5 81.7

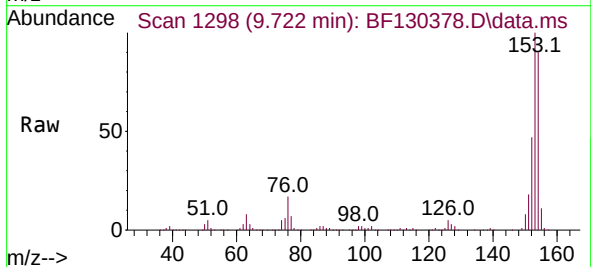
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
09/23/2022

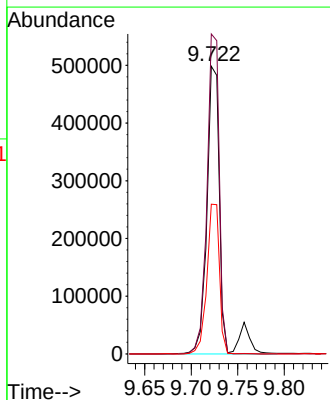
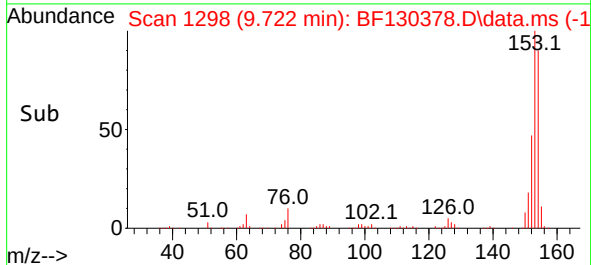
Supervised By :Jagrut
Upadhyay
09/23/2022

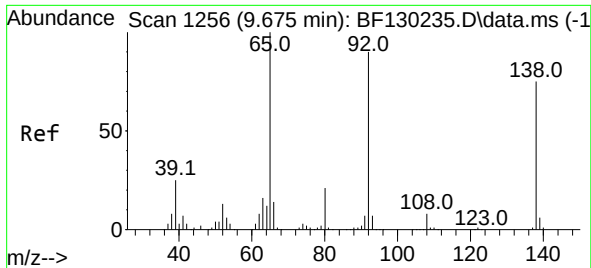


#52
Acenaphthene
Concen: 38.815 ng m
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



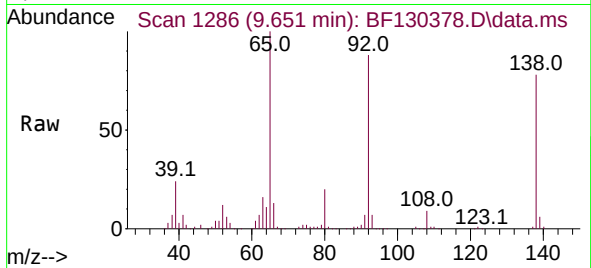
Tgt Ion:154 Resp: 500389
Ion Ratio Lower Upper
154 100
153 111.3 90.6 136.0
152 52.1 43.8 65.6





#53
3-Nitroaniline
Concen: 26.701 ng
RT: 9.651 min Scan# 110
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

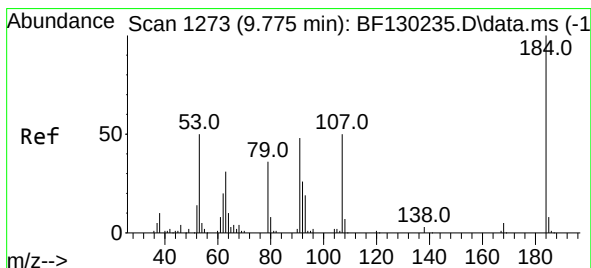
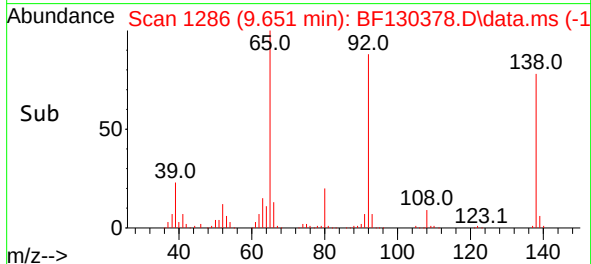
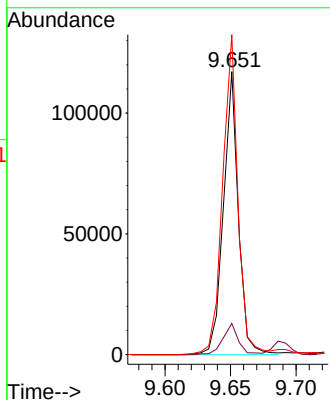


Tgt Ion:138 Resp: 93103
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 113.1 99.2 148.8

Manual Integrations
APPROVED

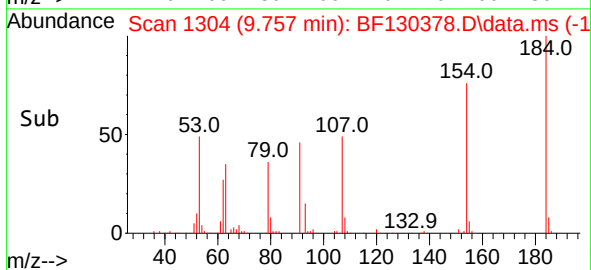
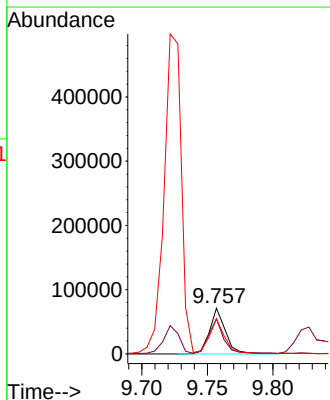
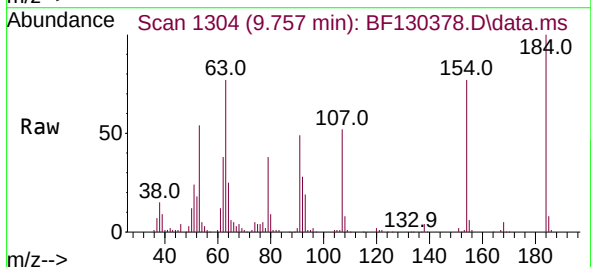
Reviewed By :Christian
Giraldo
09/23/2022

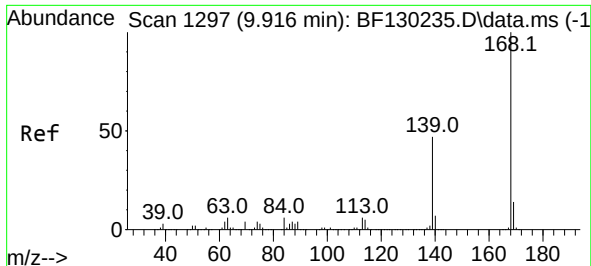
Supervised By :Jagrut
Upadhyay
09/23/2022



#54
2,4-Dinitrophenol
Concen: 38.651 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

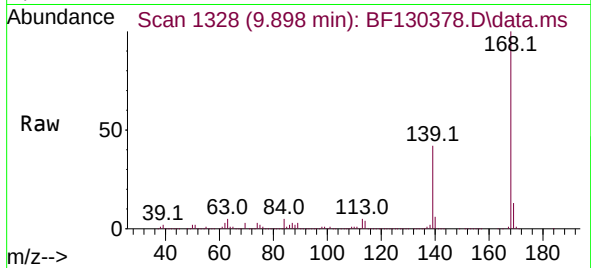
Tgt Ion:184 Resp: 59657
Ion Ratio Lower Upper
184 100
63 76.8 70.0 105.0
154 76.9 63.0 94.6





#55
Dibenzenofuran
Concen: 38.049 ng
RT: 9.898 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

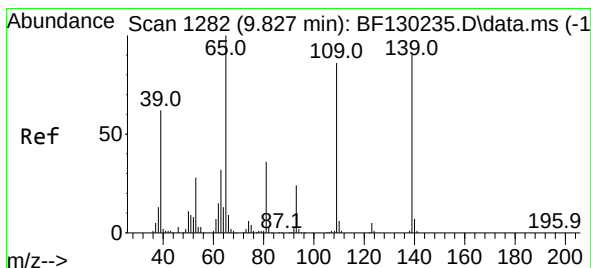
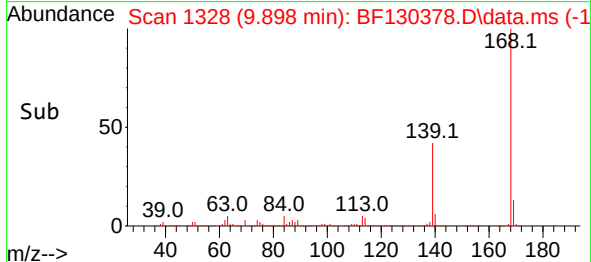
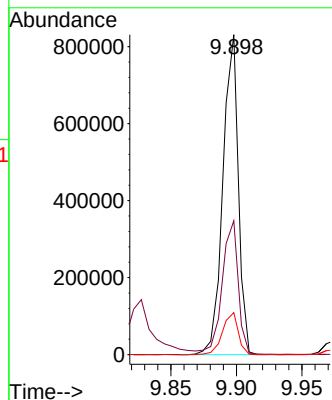


Tgt Ion:168 Resp: 682274
Ion Ratio Lower Upper
168 100
139 41.8 35.0 52.4
169 13.1 10.9 16.3

Manual Integrations
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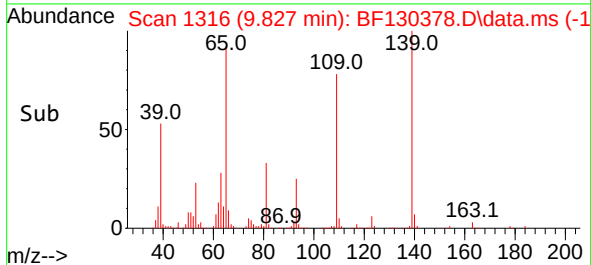
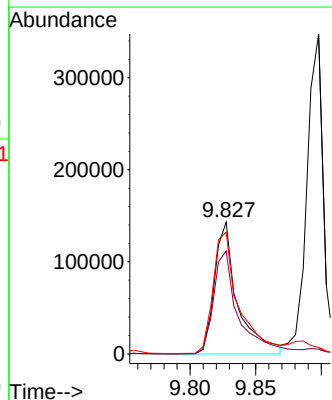
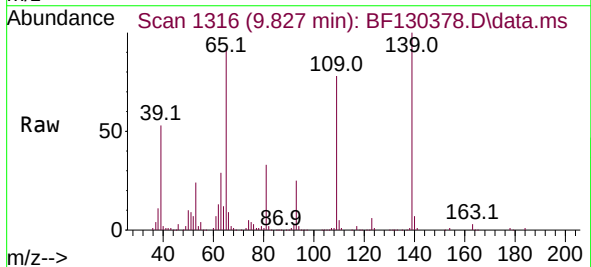
Reviewed By :Christian
Giraldo
09/23/2022

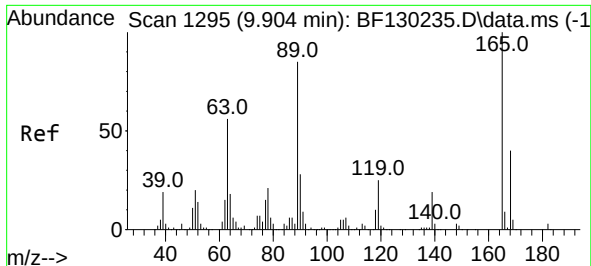
Supervised By :Jagrut
Upadhyay
09/23/2022



#56
4-Nitrophenol
Concen: 69.411 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Tgt Ion:139 Resp: 176279
Ion Ratio Lower Upper
139 100
109 78.3 72.2 112.2
65 92.5 97.7 137.7#





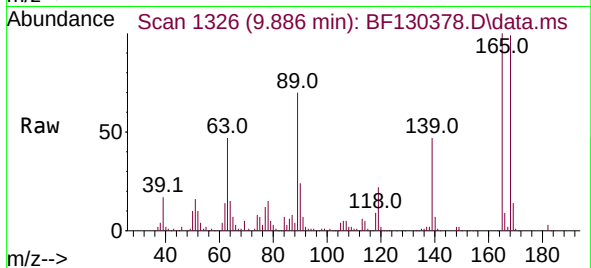
#57
2,4-Dinitrotoluene
Concen: 40.174 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



Tgt Ion:165 Resp: 160663
Ion Ratio Lower Upper
165 100
63 46.9 44.7 67.1
89 70.0 69.0 103.4
182 2.8 1.9 2.9

Manual Integrations
APPROVED

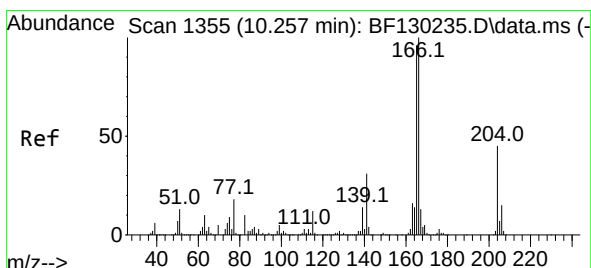
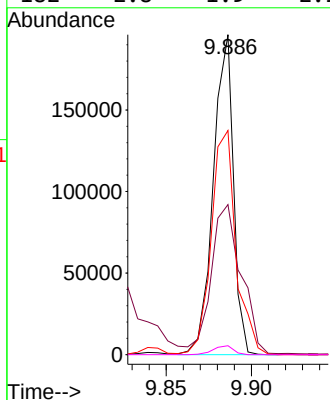
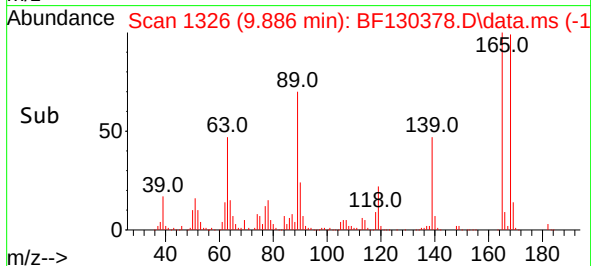
Reviewed By :Christian
Giraldo

09/23/2022

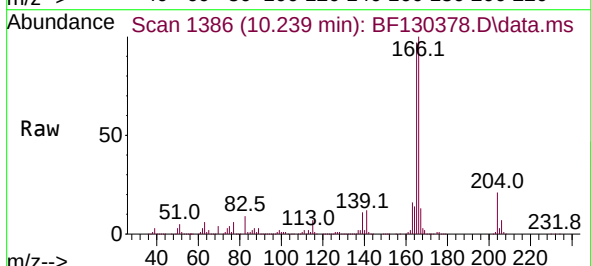
Supervised By :Jagrut

Upadhyay

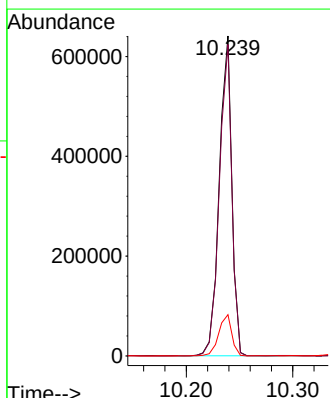
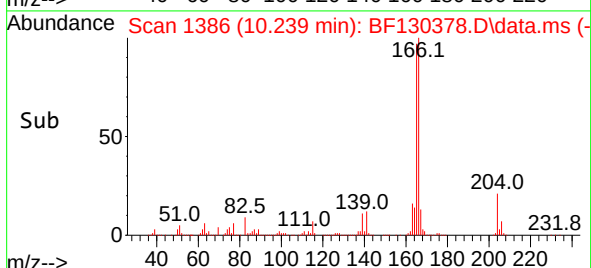
09/23/2022

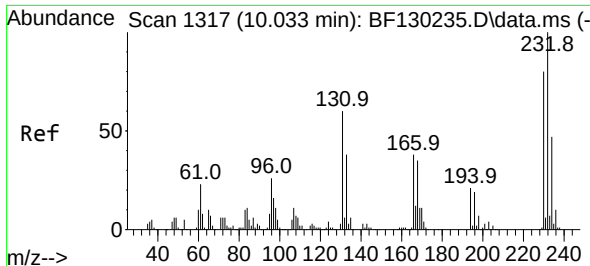


#58
Fluorene
Concen: 35.905 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



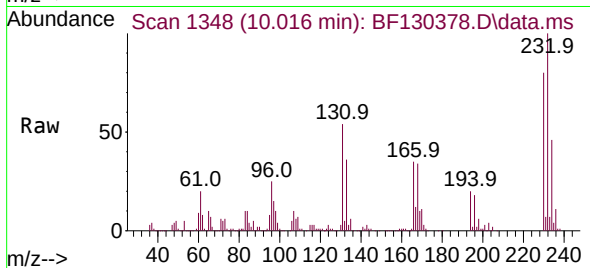
Tgt Ion:166 Resp: 526531
Ion Ratio Lower Upper
166 100
165 97.3 78.8 118.2
167 12.9 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.083 ng
RT: 10.016 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

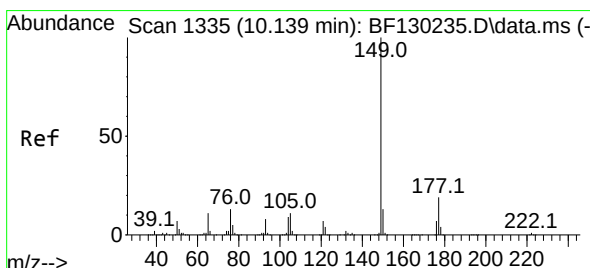
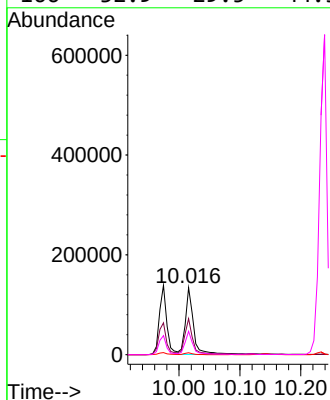
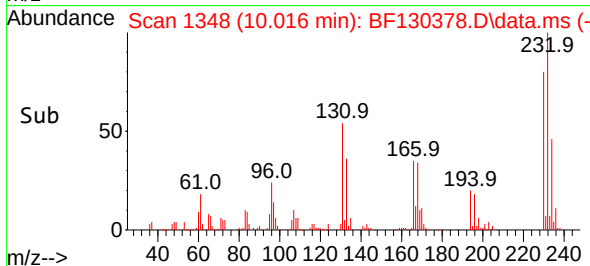
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:232 Resp: 125734
Ion Ratio Lower Upper
232 100
131 51.2 46.4 69.6
130 2.7 2.3 3.5
166 32.9 29.5 44.3

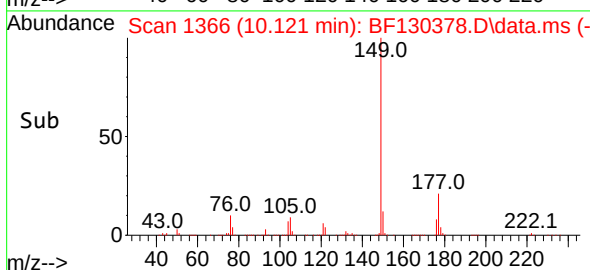
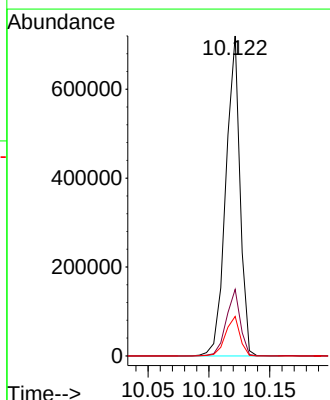
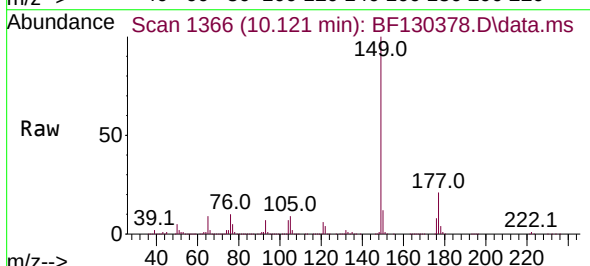
Manual Integrations
APPROVED

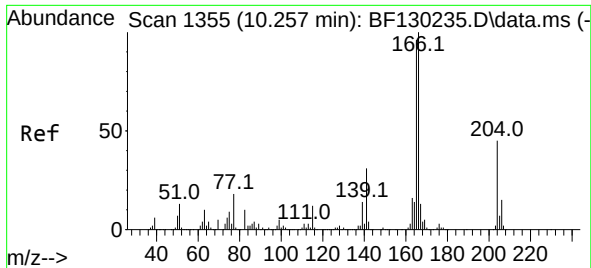
Reviewed By :Christian
Giraldo
09/23/2022
Supervised By :Jagrut
Upadhyay
09/23/2022



#60
Diethylphthalate
Concen: 38.883 ng
RT: 10.121 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

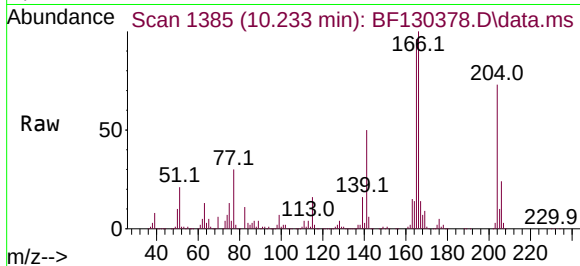
Tgt Ion:149 Resp: 583414
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.829 ng
RT: 10.233 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

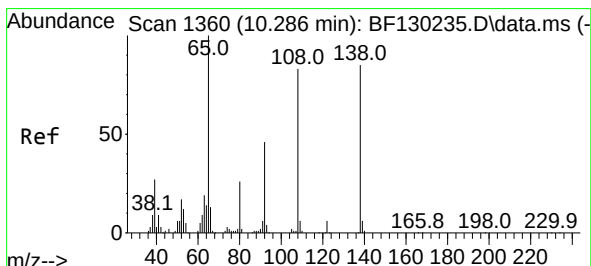
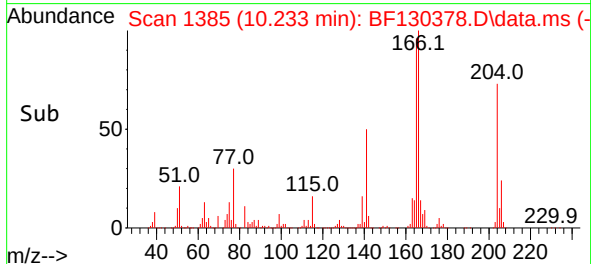
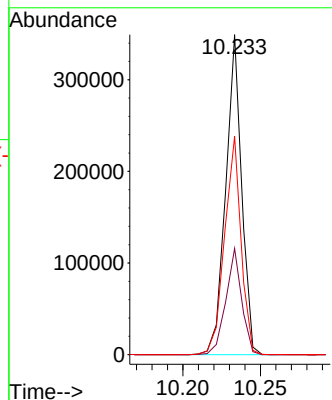


Tgt Ion:204 Resp: 249788
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 68.2 57.1 85.7

Manual Integrations
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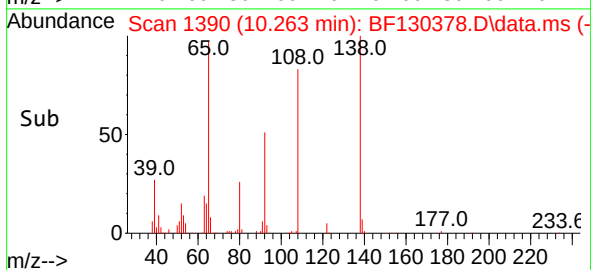
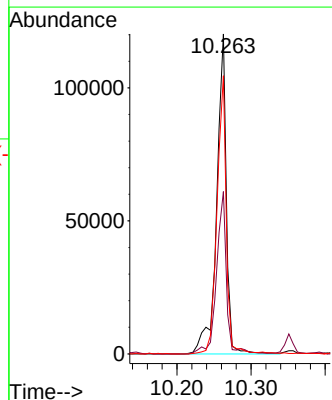
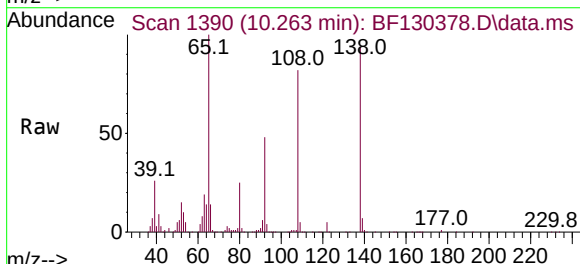
Reviewed By :Christian
Giraldo
09/23/2022

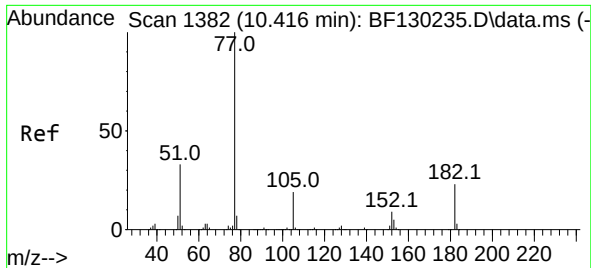
Supervised By :Jagrut
Upadhyay
09/23/2022



#62
4-Nitroaniline
Concen: 31.517 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

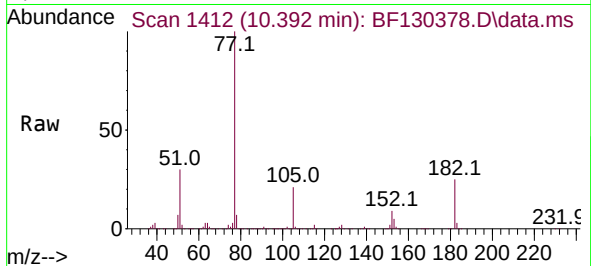
Tgt Ion:138 Resp: 110396
Ion Ratio Lower Upper
138 100
92 50.7 36.7 76.7
108 86.9 78.2 118.2





#63
Azobenzene
Concen: 32.761 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

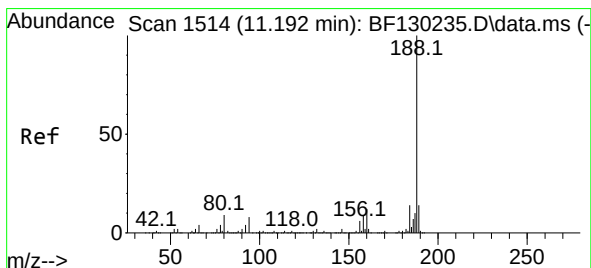
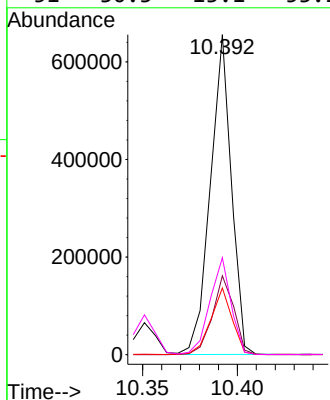
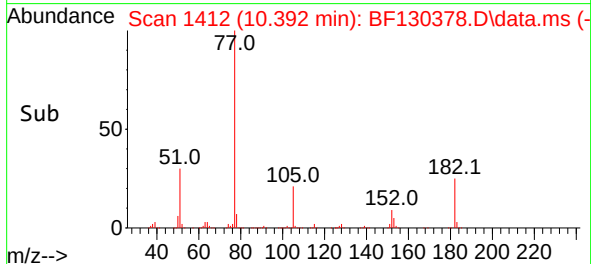


Tgt Ion: 77 Resp: 506163
Ion Ratio Lower Upper
77 100
182 24.6 2.1 42.1
105 20.8 0.0 39.4
51 30.3 13.1 53.1

Manual Integrations
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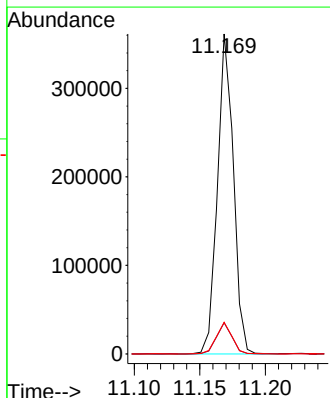
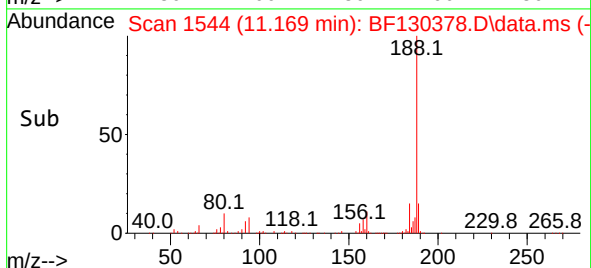
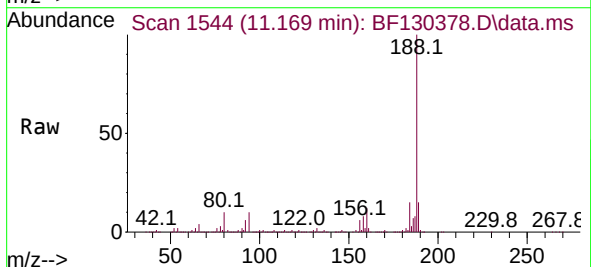
Reviewed By :Christian
Giraldo
09/23/2022

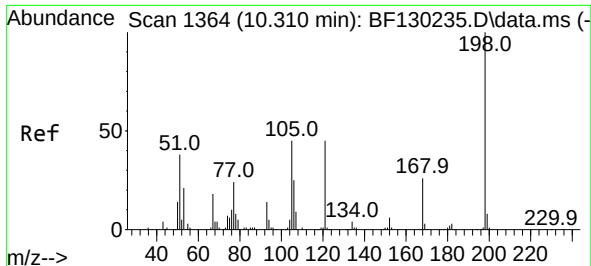
Supervised By :Jagrut
Upadhyay
09/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Tgt Ion:188 Resp: 306797
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 9.9 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 23.209 ng
RT: 10.286 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

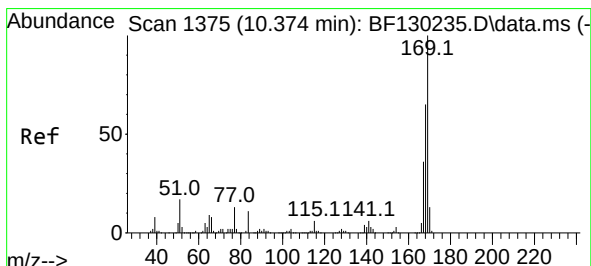
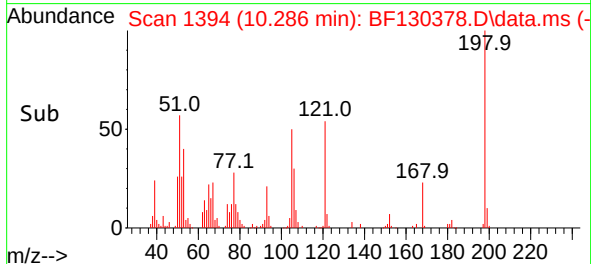
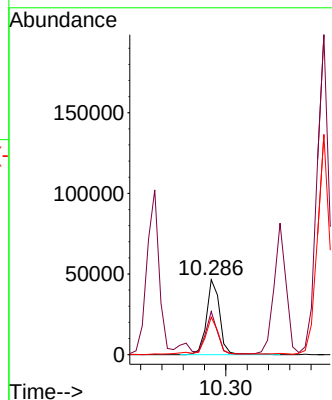
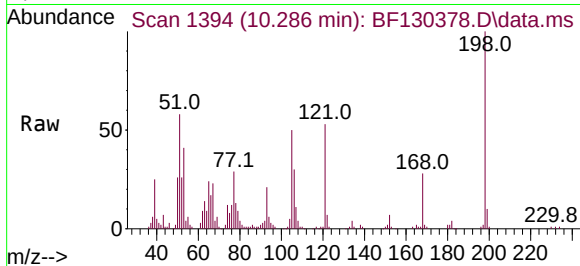
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:198 Resp: 39637
Ion Ratio Lower Upper
198 100
51 57.5 36.9 76.9
105 50.0 33.0 73.0

Manual Integrations
APPROVED

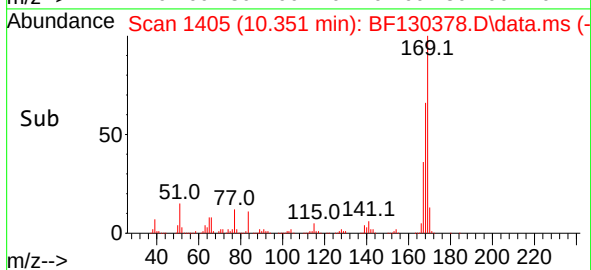
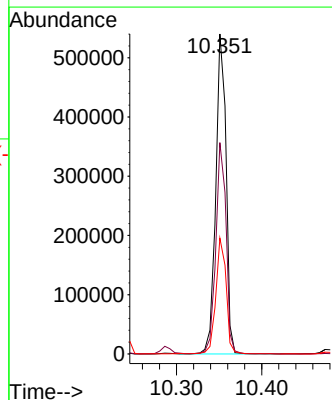
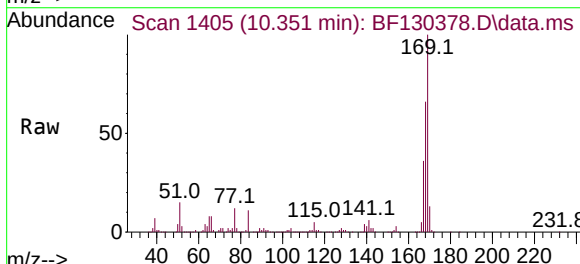
Reviewed By :Christian
Giraldo
09/23/2022

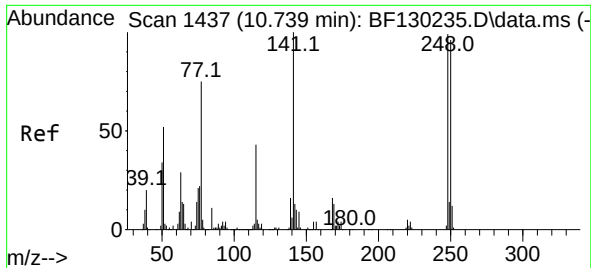
Supervised By :Jagrut
Upadhyay
09/23/2022



#66
n-Nitrosodiphenylamine
Concen: 44.108 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

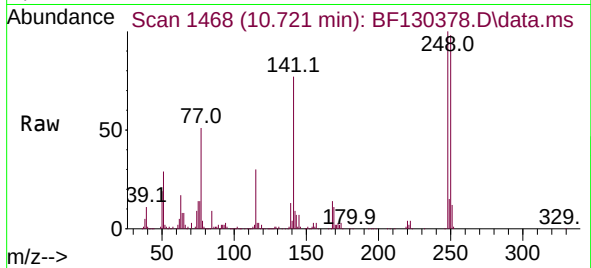
Tgt Ion:169 Resp: 452209
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.260 ng
RT: 10.721 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

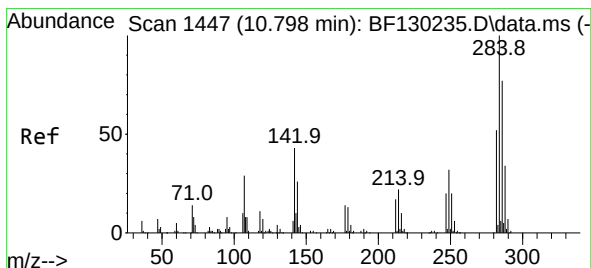
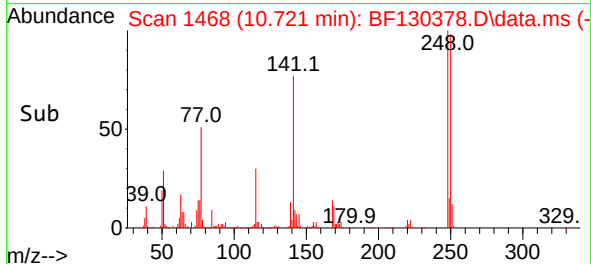
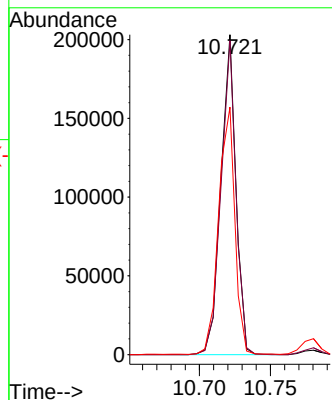
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:248 Resp: 149795
Ion Ratio Lower Upper
248 100
250 98.1 80.0 120.0
141 77.3 68.5 102.7

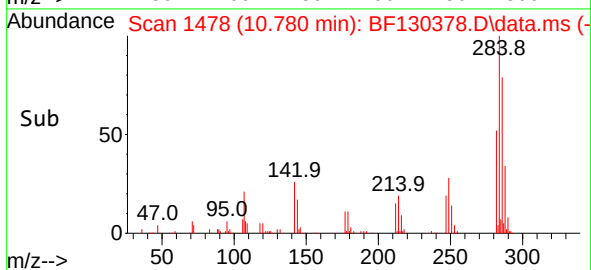
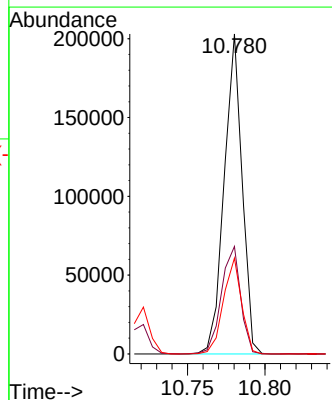
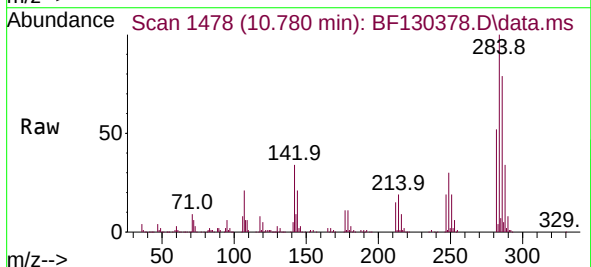
Manual Integrations
APPROVED

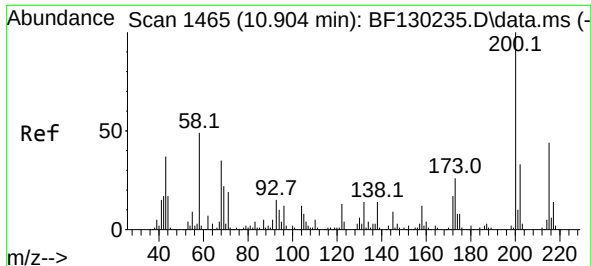
Reviewed By :Christian
Giraldo
09/23/2022
Supervised By :Jagrut
Upadhyay
09/23/2022



#68
Hexachlorobenzene
Concen: 42.489 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

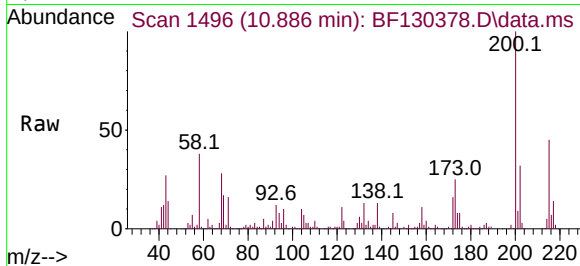
Tgt Ion:284 Resp: 163011
Ion Ratio Lower Upper
284 100
142 33.6 27.2 40.8
249 29.9 23.8 35.8





#69
Atrazine
Concen: 45.054 ng
RT: 10.886 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

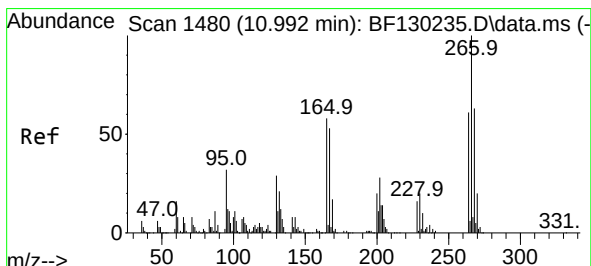
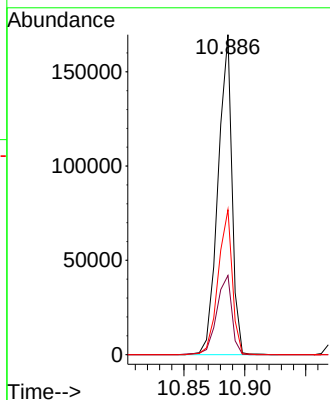
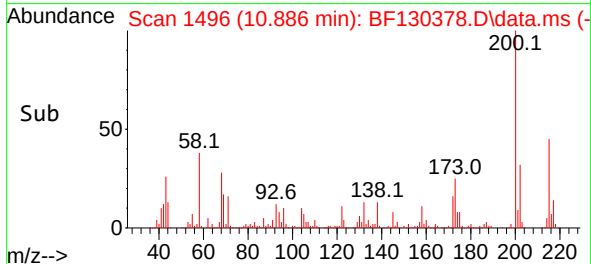


Tgt Ion:200 Resp: 134986
Ion Ratio Lower Upper
200 100
173 24.7 6.2 46.2
215 45.3 22.5 62.5

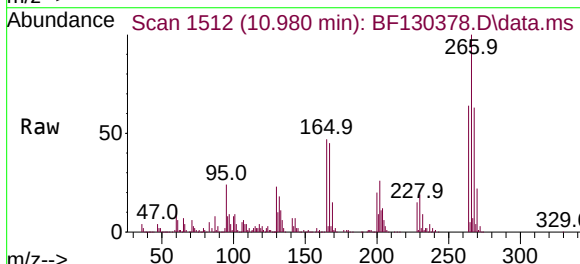
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
09/23/2022

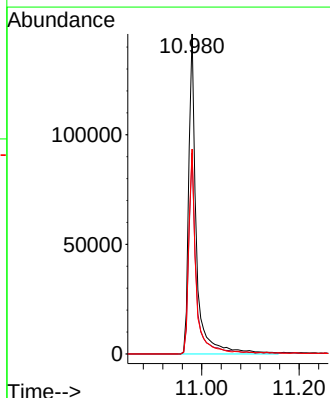
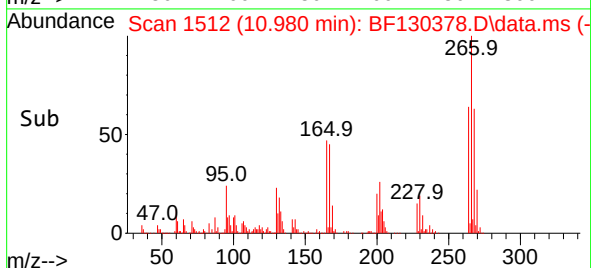
Supervised By :Jagrut
Upadhyay
09/23/2022

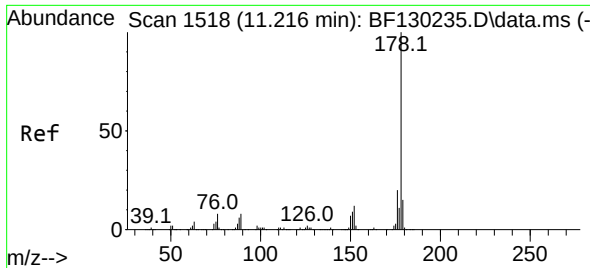


#70
Pentachlorophenol
Concen: 76.962 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



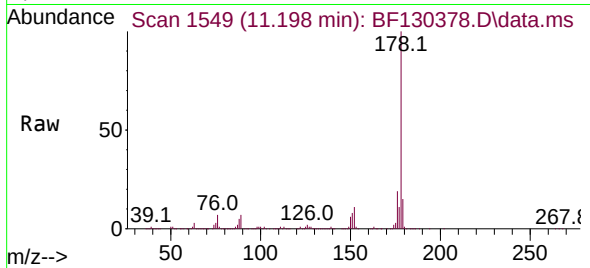
Tgt Ion:266 Resp: 158467
Ion Ratio Lower Upper
266 100
268 62.8 50.5 75.7
264 64.0 50.5 75.7





#71
Phenanthrene
Concen: 40.160 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

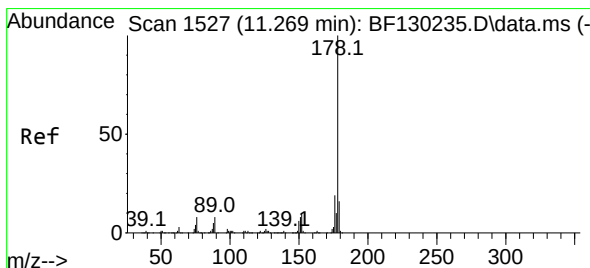
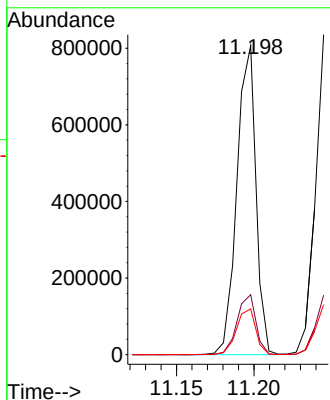
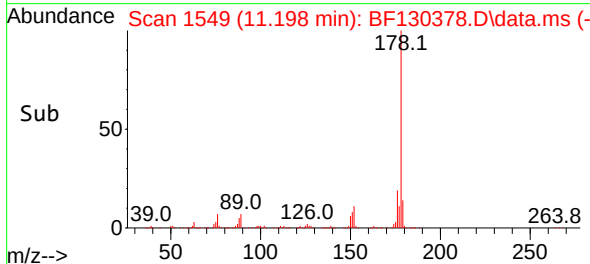


Tgt Ion:178 Resp: 691751
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 14.8 12.4 18.6

Manual Integrations
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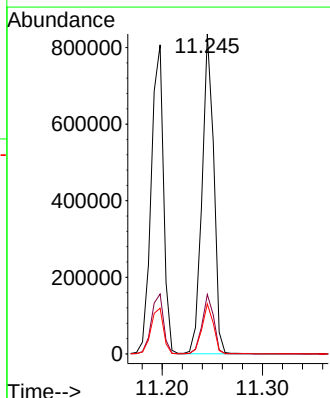
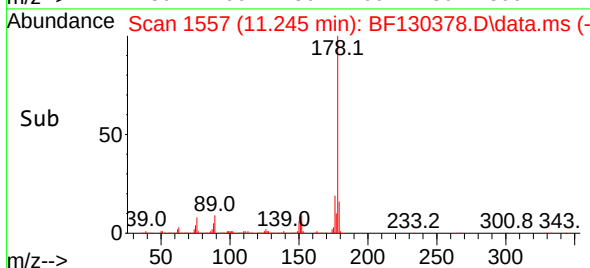
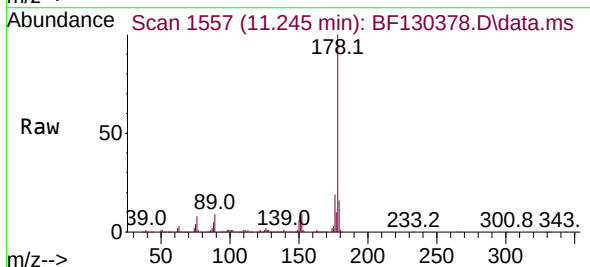
Reviewed By :Christian
Giraldo
09/23/2022

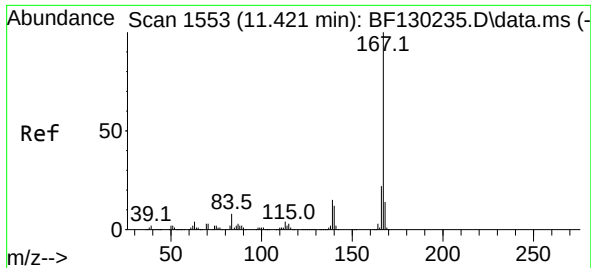
Supervised By :Jagrut
Upadhyay
09/23/2022



#72
Anthracene
Concen: 40.650 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

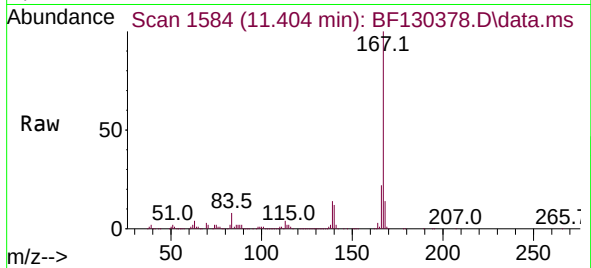
Tgt Ion:178 Resp: 675694
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 39.163 ng
 RT: 11.404 min Scan# 1584
 Delta R.T. -0.000 min
 Lab File: BF130378.D
 Acq: 22 Sep 2022 16:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

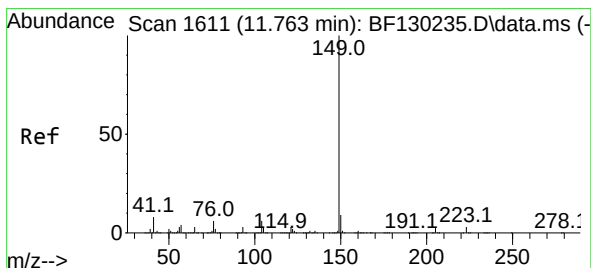
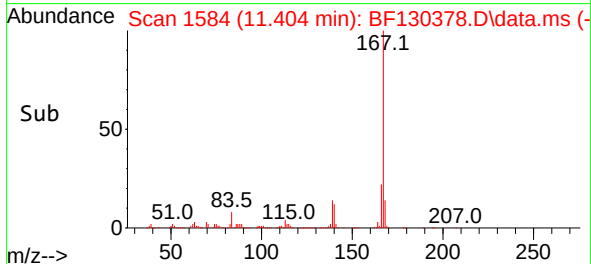
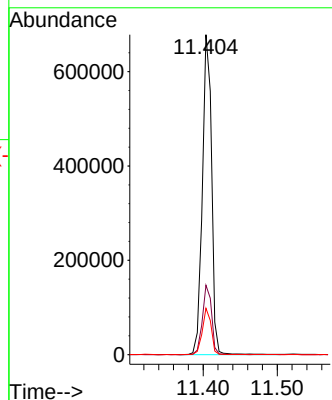


Tgt Ion:167 Resp: 587496
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 14.5 11.6 17.4

Manual Integrations
 APPROVED

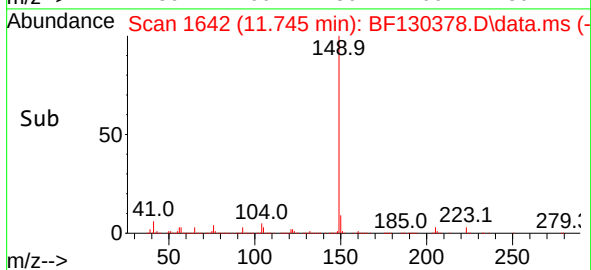
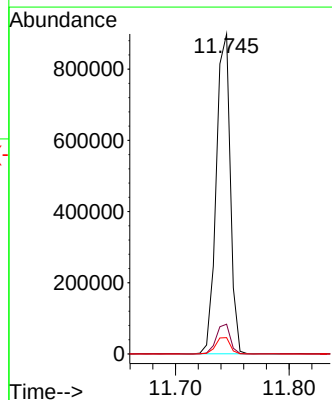
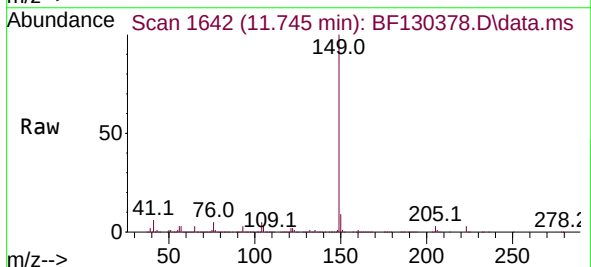
Reviewed By :Christian
 Giraldo
 09/23/2022

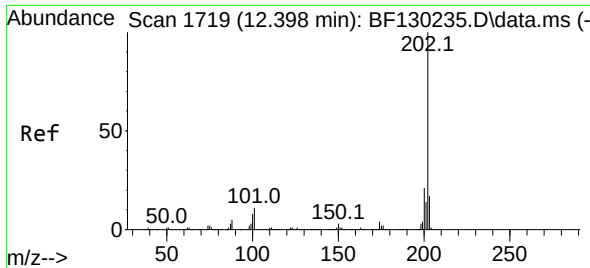
Supervised By :Jagrut
 Upadhyay
 09/23/2022



#74
 Di-n-butylphthalate
 Concen: 42.581 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. -0.000 min
 Lab File: BF130378.D
 Acq: 22 Sep 2022 16:20

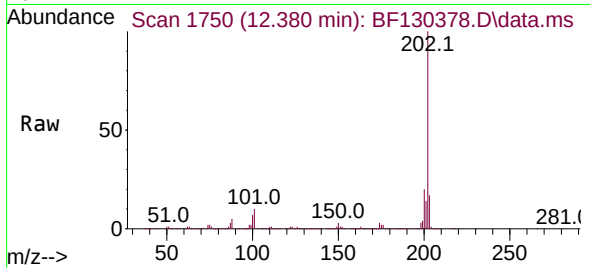
Tgt Ion:149 Resp: 770300
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.1 4.8 7.2





#75
Fluoranthene
Concen: 42.452 ng
RT: 12.380 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

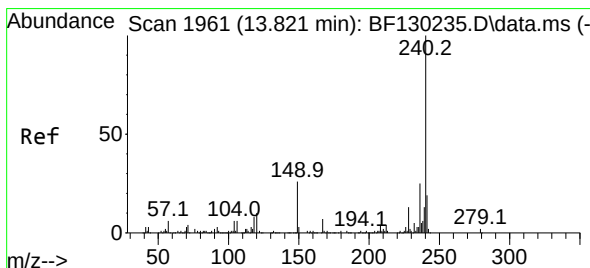
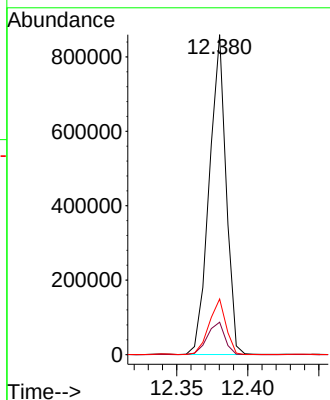
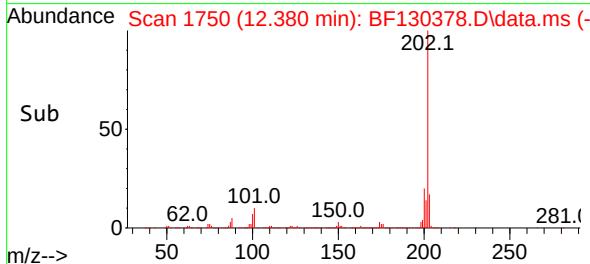


Tgt Ion:202 Resp: 706582
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.4 0.0 37.8

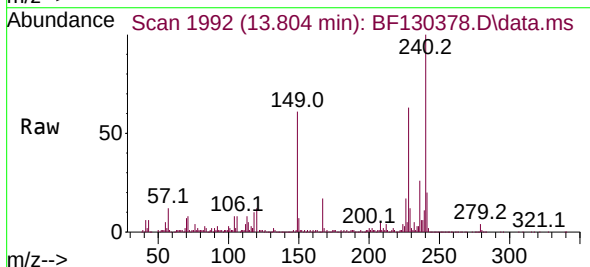
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
09/23/2022

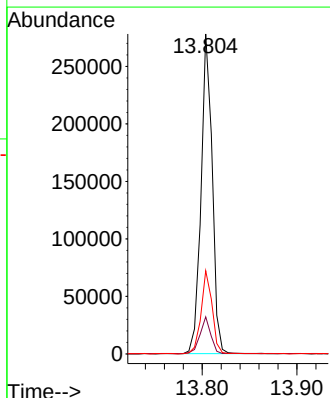
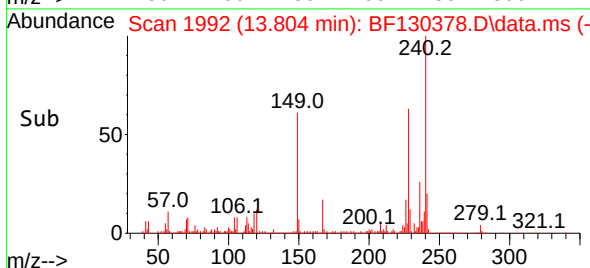
Supervised By :Jagrut
Upadhyay
09/23/2022

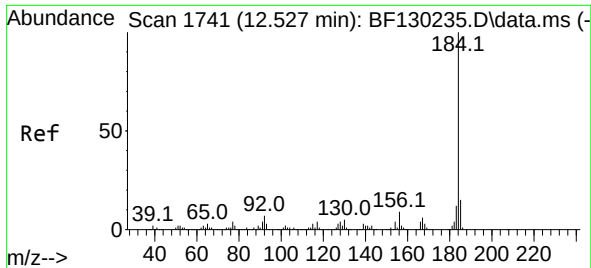


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



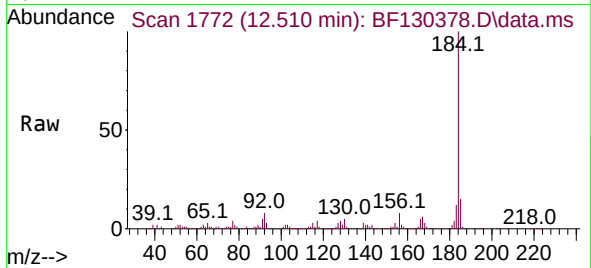
Tgt Ion:240 Resp: 227903
Ion Ratio Lower Upper
240 100
120 11.6 8.7 13.1
236 26.0 20.9 31.3





#77
Benzidine
Concen: 41.764 ng
RT: 12.510 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

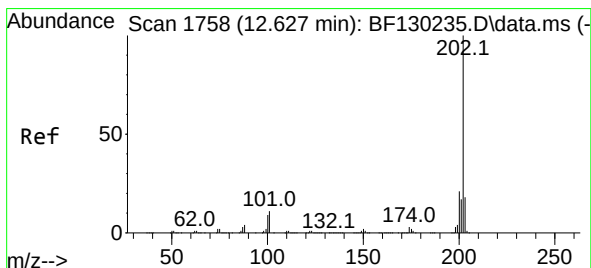
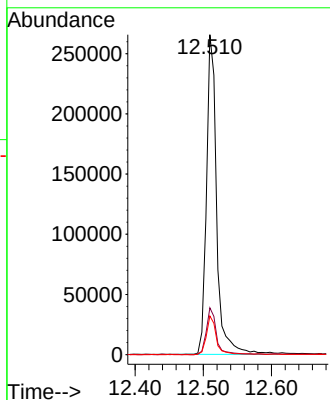
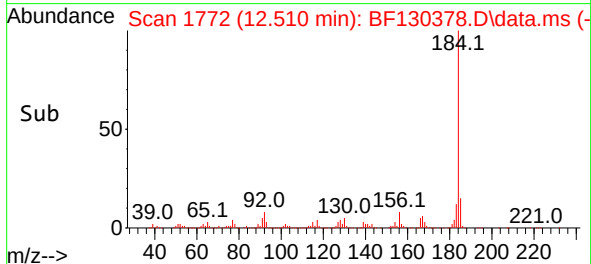
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



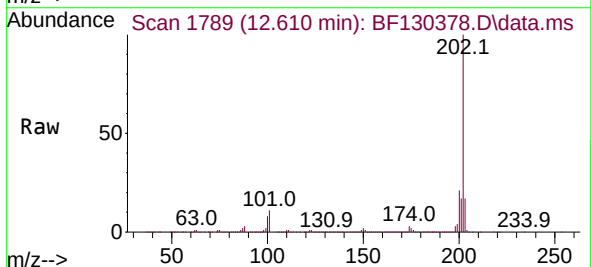
Tgt Ion:184 Resp: 276304
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 12.1 9.1 13.7

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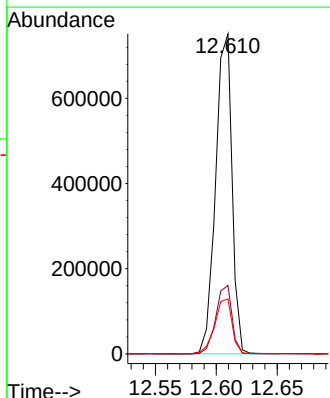
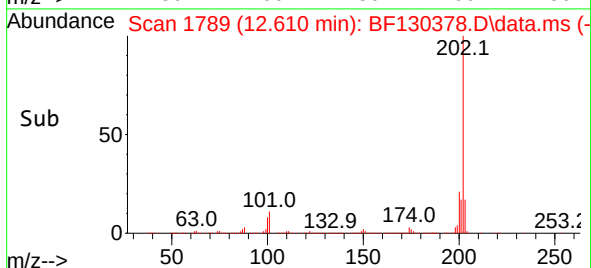
Reviewed By :Christian
Giraldo
09/23/2022
Supervised By :Jagrut
Upadhyay
09/23/2022

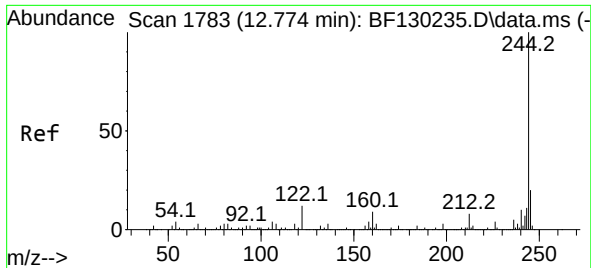


#78
Pyrene
Concen: 35.315 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



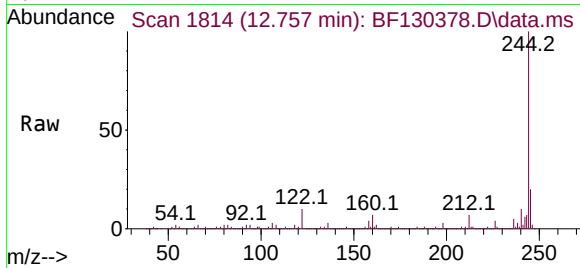
Tgt Ion:202 Resp: 704071
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.2 14.3 21.5





#79
 Terphenyl-d14
 Concen: 52.926 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF130378.D
 Acq: 22 Sep 2022 16:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

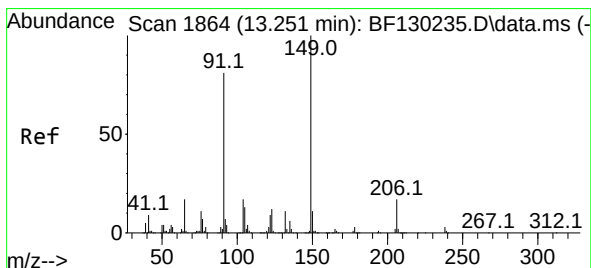
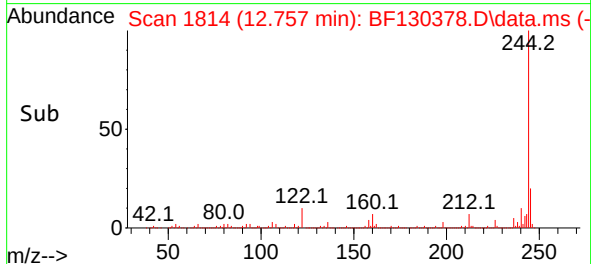
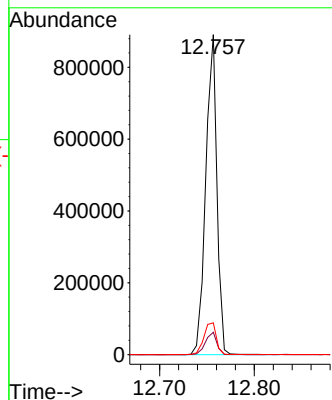


Tgt Ion:244 Resp: 728159
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.9 8.5 12.7

Manual Integrations
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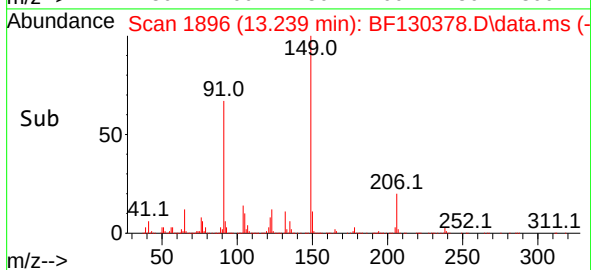
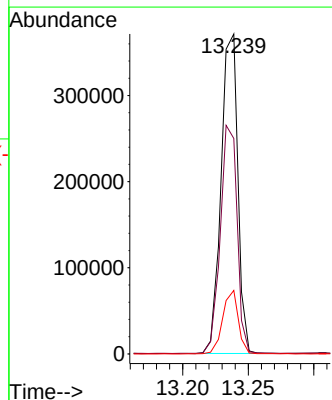
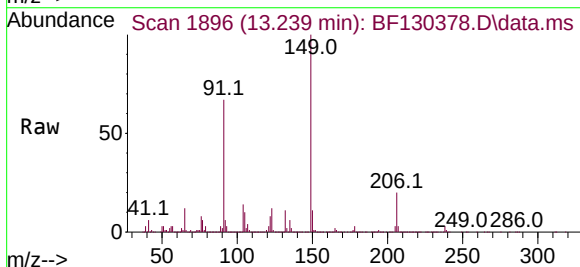
Reviewed By :Christian
 Giraldo
 09/23/2022

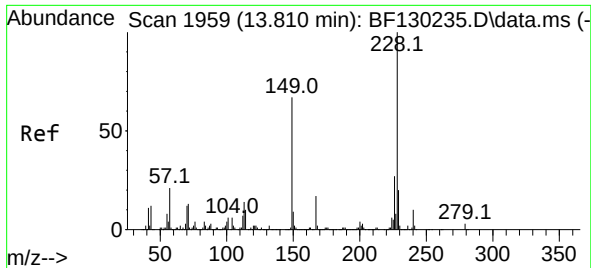
Supervised By :Jagrut
 Upadhyay
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#80
 Butylbenzylphthalate
 Concen: 44.908 ng
 RT: 13.239 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: BF130378.D
 Acq: 22 Sep 2022 16:20

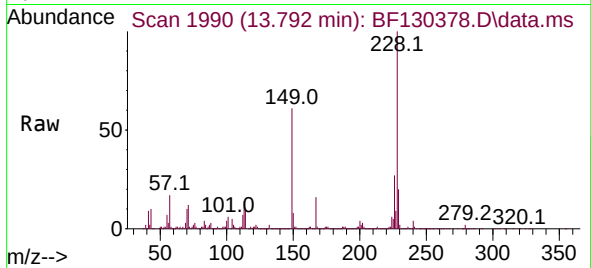
Tgt Ion:149 Resp: 331685
 Ion Ratio Lower Upper
 149 100
 91 67.3 59.8 89.8
 206 19.8 13.9 20.9





#81
Benzo(a)anthracene
Concen: 41.963 ng
RT: 13.792 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

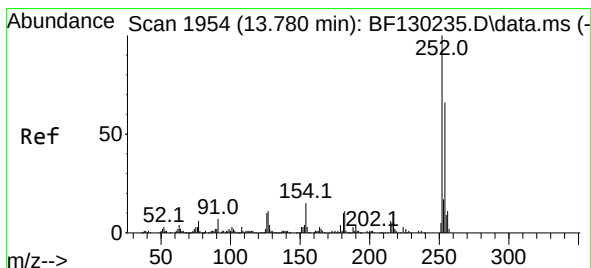
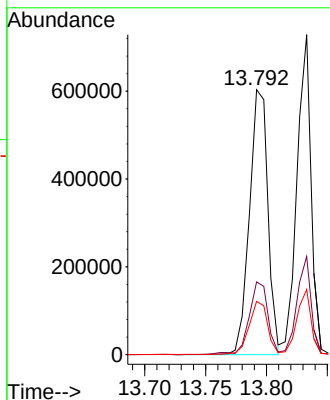
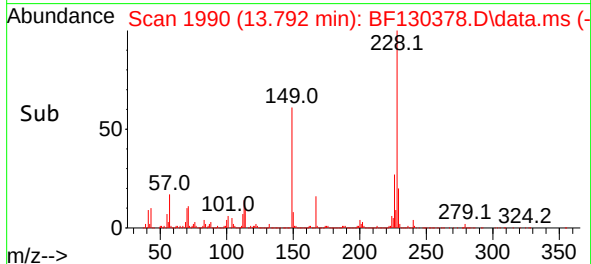


Tgt Ion:228 Resp: 636214
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.1 16.1 24.1

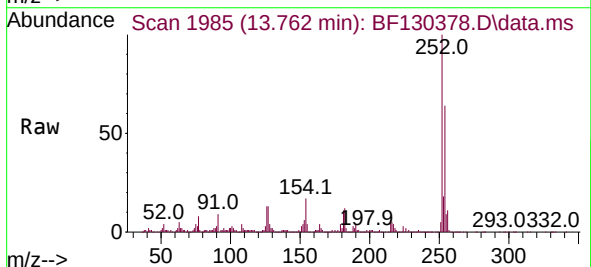
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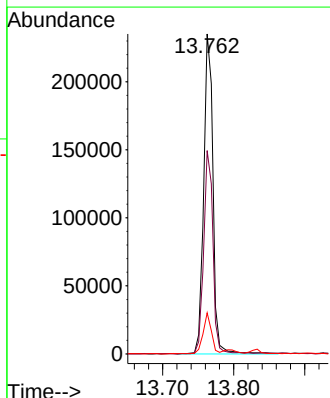
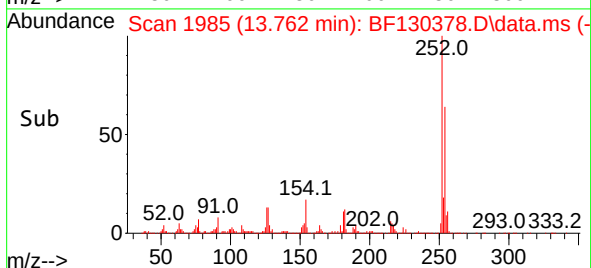
Supervised By :Jagrut
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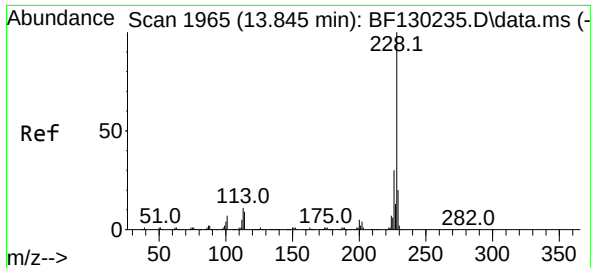


#82
3,3'-Dichlorobenzidine
Concen: 51.276 ng
RT: 13.762 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



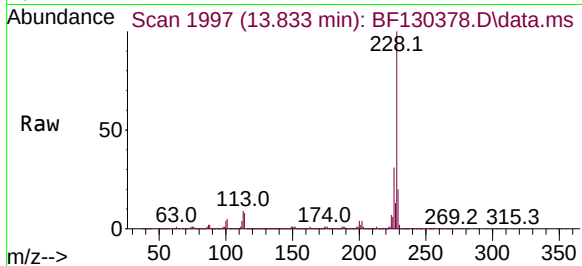
Tgt Ion:252 Resp: 211617
Ion Ratio Lower Upper
252 100
254 63.5 51.1 76.7
126 12.8 10.4 15.6





#83
Chrysene
Concen: 40.984 ng
RT: 13.833 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

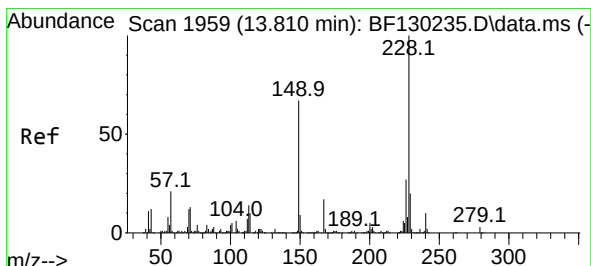
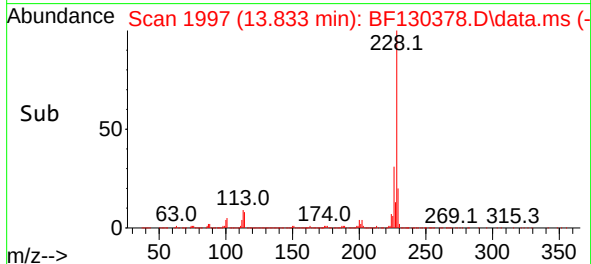
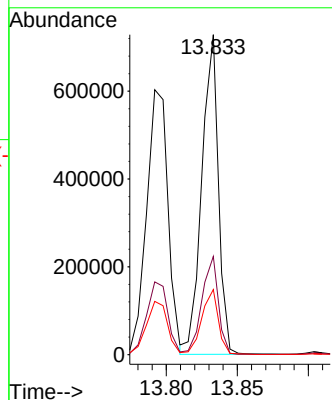


Tgt Ion:228 Resp: 589994
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 20.3 15.3 22.9

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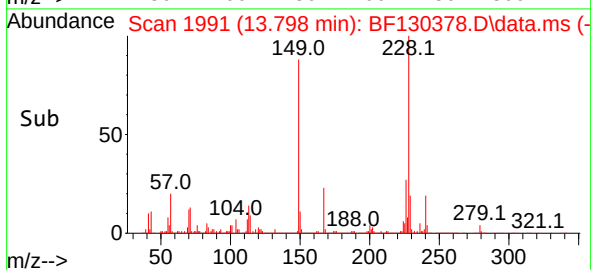
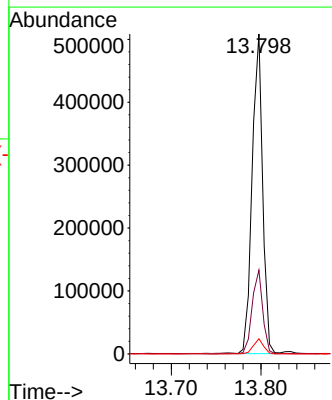
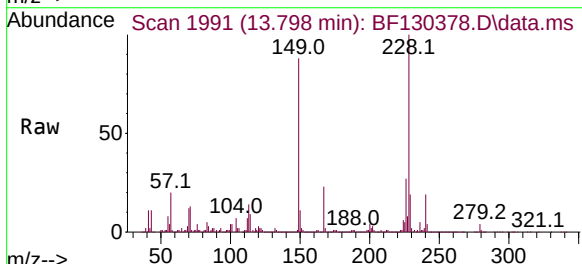
Reviewed By :Christian
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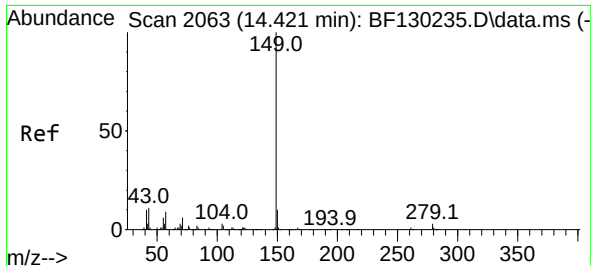
Supervised By :Jagrut
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.743 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

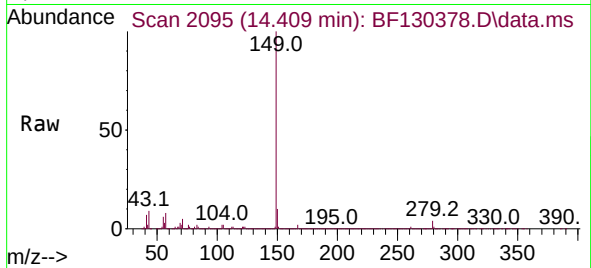
Tgt Ion:149 Resp: 412364
Ion Ratio Lower Upper
149 100
167 26.2 20.5 30.7
279 4.7 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 53.907 ng
RT: 14.409 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

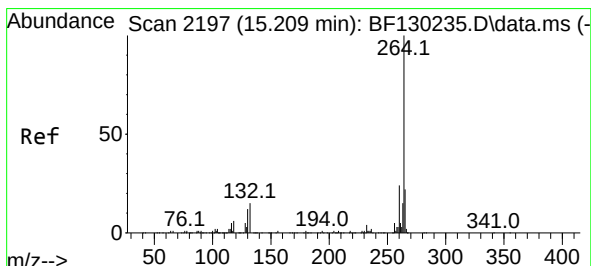
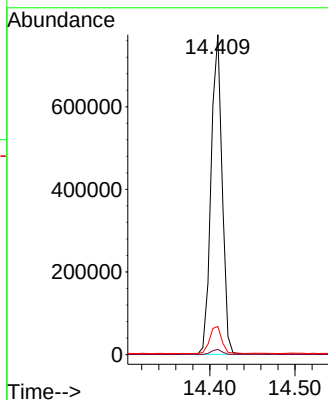
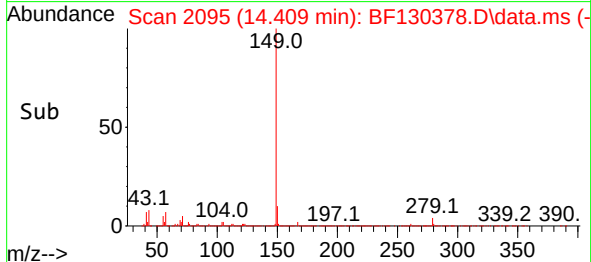


Tgt Ion:149 Resp: 697535
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.1 8.7 13.1

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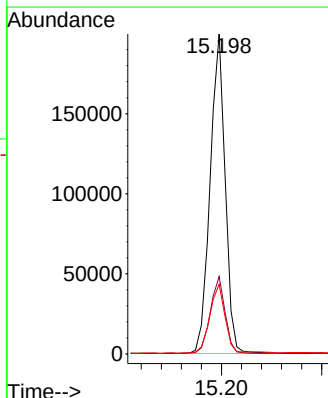
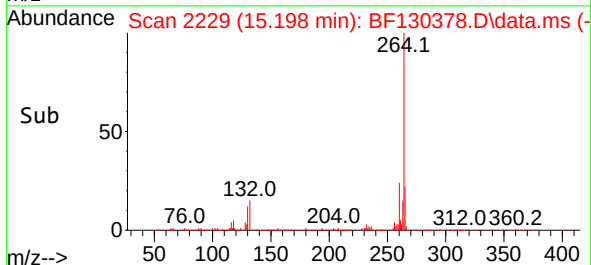
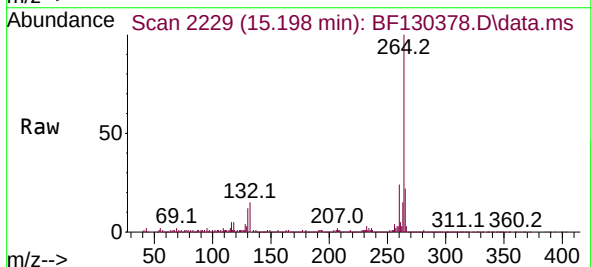
Reviewed By :Christian
Giraldo
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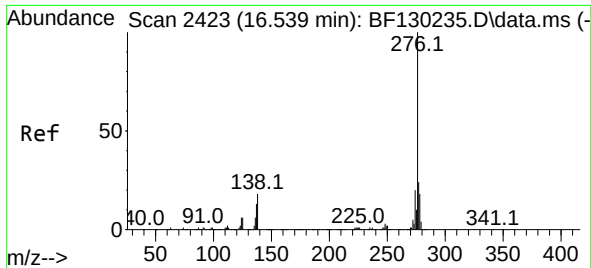
Supervised By :Jagrut
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.012 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

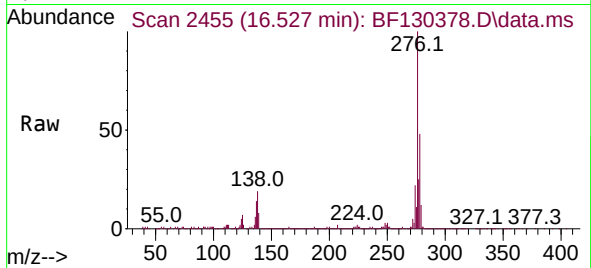
Tgt Ion:264 Resp: 207592
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 33.590 ng
RT: 16.527 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

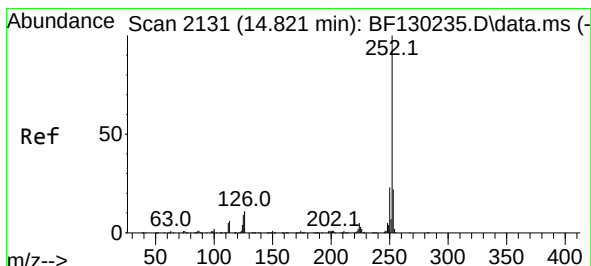
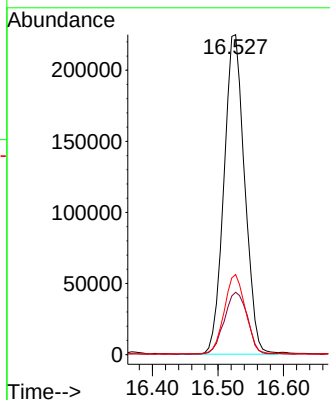
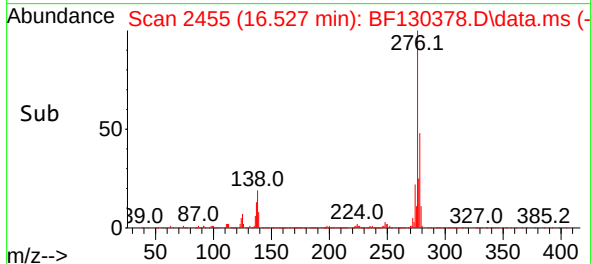


Tgt Ion:276 Resp: 494492
Ion Ratio Lower Upper
276 100
138 21.6 18.5 27.7
277 25.5 20.2 30.4

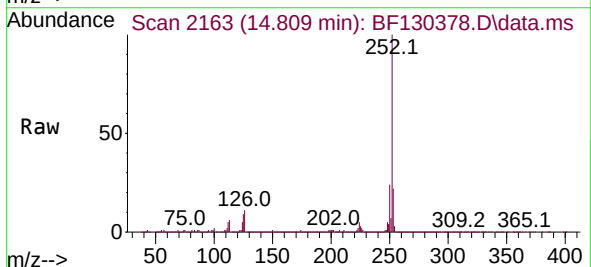
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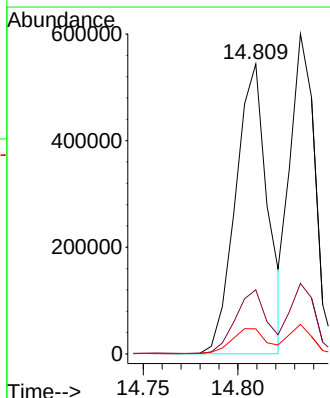
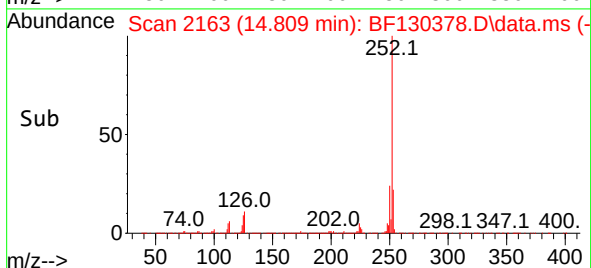
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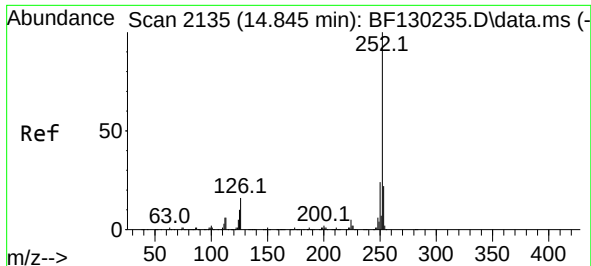


#88
Benzo(b)fluoranthene
Concen: 47.204 ng
RT: 14.809 min Scan# 2163
Delta R.T. 0.012 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



Tgt Ion:252 Resp: 639585
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 40.609 ng

RT: 14.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA_F

ClientSampleId :

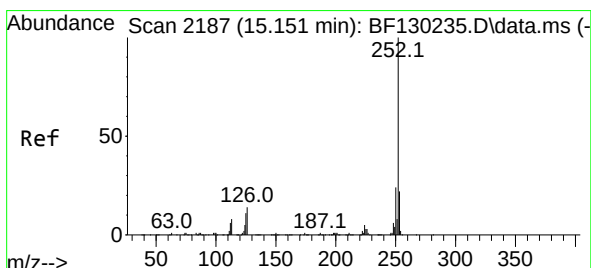
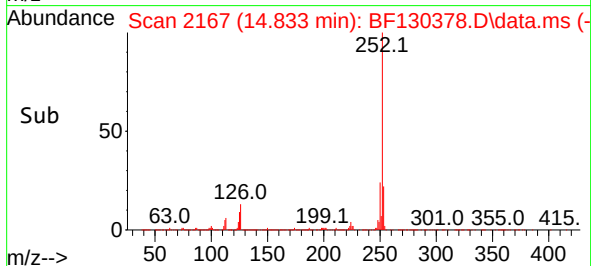
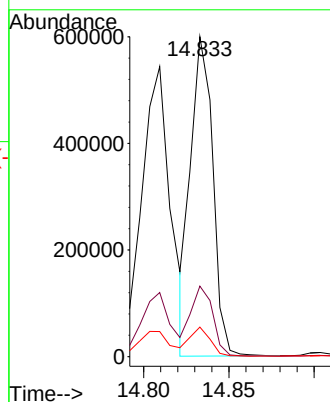
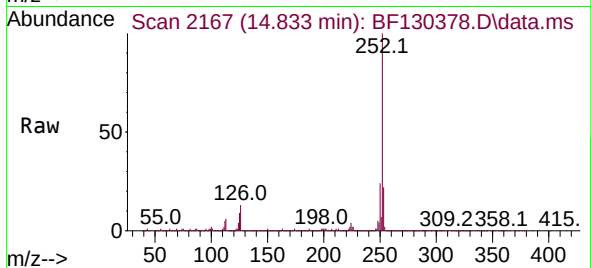
WC-1MSD

Tgt Ion:252 Resp: 541259
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 9.2 7.9 11.9

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 09/23/2022



#90

Benzo(a)pyrene

Concen: 46.578 ng

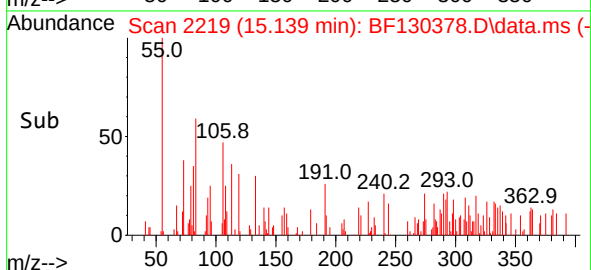
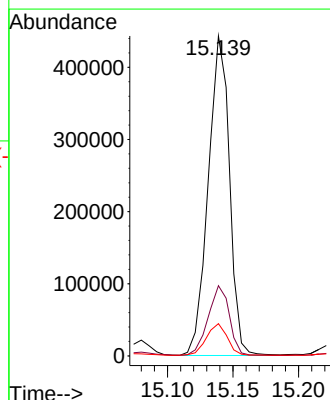
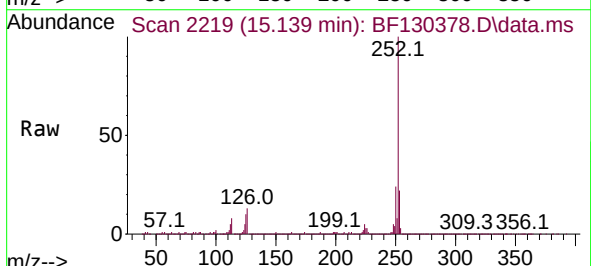
RT: 15.139 min Scan# 2219

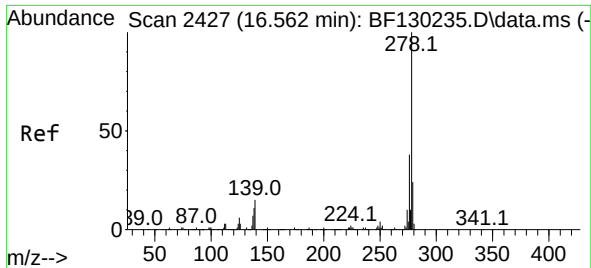
Delta R.T. 0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

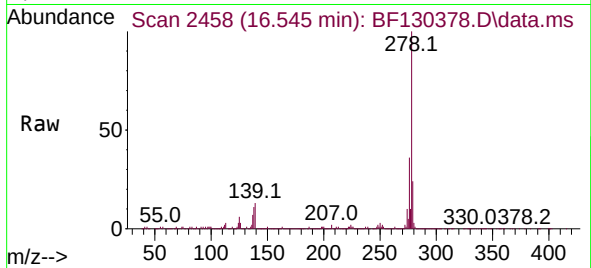
Tgt Ion:252 Resp: 499983
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.6
 125 10.1 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 35.269 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.018 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

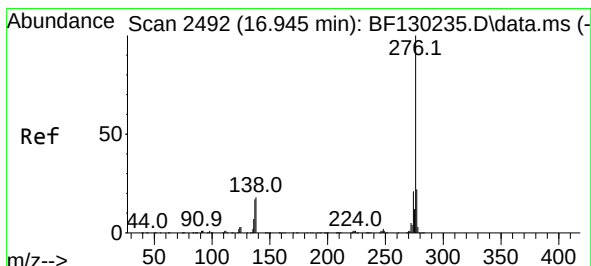
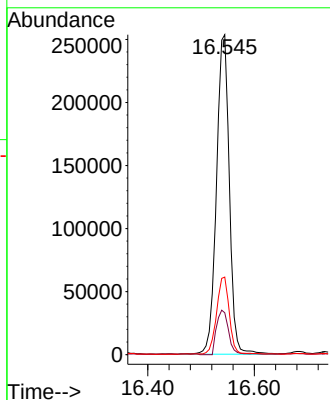
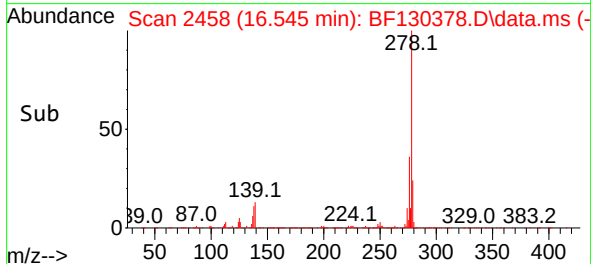


Tgt Ion: 278 Resp: 425926
Ion Ratio Lower Upper
278 100
139 13.1 11.8 17.8
279 24.2 19.4 29.0

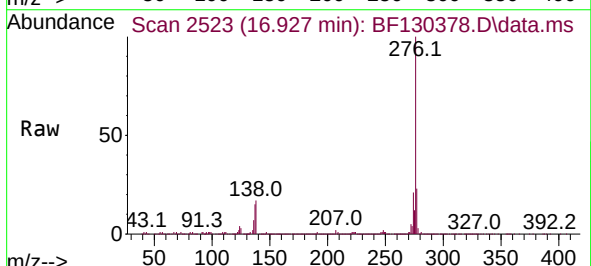
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09/23/2022

Supervised By : Jagrut
Upadhyay
09/23/2022



#92
Benzo(g,h,i)perylene
Concen: 33.771 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.018 min
Lab File: BF130378.D
Acq: 22 Sep 2022 16:20



Tgt Ion: 276 Resp: 410836
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 17.1 14.6 21.8

