

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130338.D
 Acq On : 20 Sep 2022 11:40
 Operator : CG\JU
 Sample : PB147679BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147679BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/21/2022
 Supervised By : Jagrut Upadhyay 09/21/2022

Quant Time: Sep 21 05:10:22 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	106989	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	423755	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	225989	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	398199	20.000	ng	0.00
76) Chrysene-d12	13.810	240	238904	20.000	ng	0.00
86) Perylene-d12	15.198	264	196714	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	808886	131.133	ng	0.02
7) Phenol-d6	6.310	99	1005824	130.320	ng	0.01
23) Nitrobenzene-d5	7.228	82	638803	77.015	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	337885	156.038	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1239211	79.850	ng	0.00
79) Terphenyl-d14	12.763	244	1366615	94.757	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.375	88	88094	31.097	ng	97
3) Pyridine	3.057	79	239490	32.407	ng	97
4) n-Nitrosodimethylamine	3.016	42	147722	36.753	ng	98
6) Aniline	6.322	93	376947	39.638	ng	# 22
8) 2-Chlorophenol	6.445	128	316776	45.082	ng	93
9) Benzaldehyde	6.210	77	182123	35.227	ng	93
10) Phenol	6.322	94	381751	42.206	ng	# 74
11) bis(2-Chloroethyl)ether	6.404	93	277645	42.558	ng	93
12) 1,3-Dichlorobenzene	6.598	146	332362	42.987	ng	98
13) 1,4-Dichlorobenzene	6.675	146	340775	43.221	ng	99
14) 1,2-Dichlorobenzene	6.828	146	322812	43.829	ng	98
15) Benzyl Alcohol	6.810	79	253911	41.493	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.939	45	355352	37.345	ng	87
17) 2-Methylphenol	6.928	107	257815	45.136	ng	97
18) Hexachloroethane	7.169	117	128945	41.490	ng	98
19) n-Nitroso-di-n-propyla...	7.087	70	211574	40.625	ng	92
20) 3+4-Methylphenols	7.081	107	320673	43.216	ng	# 79
22) Acetophenone	7.075	105	446820	43.129	ng	94
24) Nitrobenzene	7.245	77	329267	39.095	ng	98
25) Isophorone	7.486	82	584211	43.700	ng	99
26) 2-Nitrophenol	7.563	139	165018	47.796	ng	92
27) 2,4-Dimethylphenol	7.610	122	262299	49.341	ng	96
28) bis(2-Chloroethoxy)met...	7.704	93	343328	45.608	ng	98
29) 2,4-Dichlorophenol	7.810	162	258552	44.383	ng	96
30) 1,2,4-Trichlorobenzene	7.886	180	268520	42.634	ng	97
31) Naphthalene	7.963	128	913815	41.858	ng	99
32) Benzoic acid	7.745	122	164530	40.022	ng	93
33) 4-Chloroaniline	8.022	127	319696	38.503	ng	96
34) Hexachlorobutadiene	8.081	225	167970	41.730	ng	99
35) Caprolactam	8.398	113	86752m	51.946	ng	
36) 4-Chloro-3-methylphenol	8.510	107	296745	45.956	ng	96
37) 2-Methylnaphthalene	8.657	142	589802	42.373	ng	98
38) 1-Methylnaphthalene	8.757	142	562998	42.104	ng	100
40) 1,2,4,5-Tetrachloroben...	8.822	216	272542	44.191	ng	99
41) Hexachlorocyclopentadiene	8.810	237	332521	100.705	ng	99
43) 2,4,6-Trichlorophenol	8.939	196	190406	44.237	ng	95

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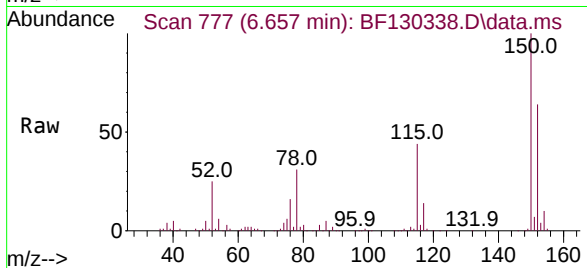
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	202223	43.538	ng	95
46) 1,1'-Biphenyl	9.122	154	733168	43.440	ng	99
47) 2-Chloronaphthalene	9.145	162	570815	41.808	ng	98
48) 2-Nitroaniline	9.245	65	187380	41.149	ng	96
49) Acenaphthylene	9.557	152	875920	42.789	ng	100
50) Dimethylphthalate	9.433	163	674183	43.188	ng	99
51) 2,6-Dinitrotoluene	9.492	165	151642	46.449	ng	# 82
52) Acenaphthene	9.727	154	642554m	47.774	ng	
53) 3-Nitroaniline	9.657	138	131077	36.032	ng	94
54) 2,4-Dinitrophenol	9.769	184	169098	94.272	ng	# 78
55) Dibenzofuran	9.904	168	799844	42.754	ng	98
56) 4-Nitrophenol	9.833	139	253665	95.737	ng	91
57) 2,4-Dinitrotoluene	9.892	165	202417	48.514	ng	89
58) Fluorene	10.245	166	653708	42.727	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.022	232	163724	45.035	ng	94
60) Diethylphthalate	10.127	149	664452	42.446	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	298358	44.454	ng	97
62) 4-Nitroaniline	10.275	138	163290	44.682	ng	94
63) Azobenzene	10.398	77	622352	38.609	ng	96
65) 4,6-Dinitro-2-methylph...	10.298	198	104197	47.007	ng	88
66) n-Nitrosodiphenylamine	10.363	169	558682	41.985	ng	98
67) 4-Bromophenyl-phenylether	10.727	248	191887	43.683	ng	94
68) Hexachlorobenzene	10.786	284	223608	44.906	ng	99
69) Atrazine	10.892	200	182343	46.891	ng	97
70) Pentachlorophenol	10.986	266	248558	93.008	ng	99
71) Phenanthrene	11.204	178	931394	41.661	ng	99
72) Anthracene	11.251	178	945714	43.835	ng	100
73) Carbazole	11.410	167	863662	44.357	ng	100
74) Di-n-butylphthalate	11.745	149	1006158	42.853	ng	99
75) Fluoranthene	12.386	202	947361	43.853	ng	97
77) Benzidine	12.516	184	498031	71.812	ng	99
78) Pyrene	12.610	202	943168	45.129	ng	99
80) Butylbenzylphthalate	13.239	149	367744	47.497	ng	96
81) Benzo(a)anthracene	13.798	228	691844	43.531	ng	99
82) 3,3'-Dichlorobenzidine	13.768	252	203224	46.975	ng	# 98
83) Chrysene	13.833	228	628176	41.627	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	429989	48.485	ng	98
85) Di-n-octyl phthalate	14.410	149	583100	42.988	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	593878	42.573	ng	98
88) Benzo(b)fluoranthene	14.810	252	585288	45.585	ng	98
89) Benzo(k)fluoranthene	14.833	252	546703	43.286	ng	100
90) Benzo(a)pyrene	15.139	252	496479	48.809	ng	98
91) Dibenzo(a,h)anthracene	16.545	278	518506	45.309	ng	99
92) Benzo(g,h,i)perylene	16.927	276	517696	44.908	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: BF130338.D
 Acq: 20 Sep 2022 11:40

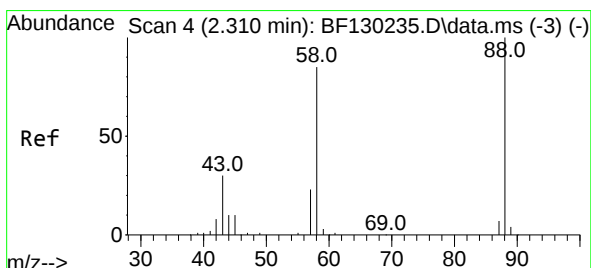
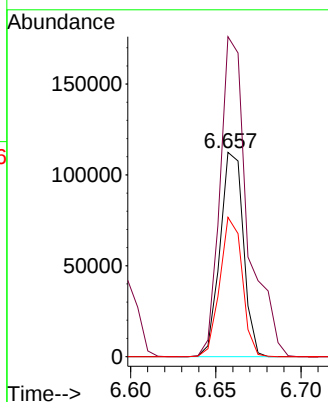
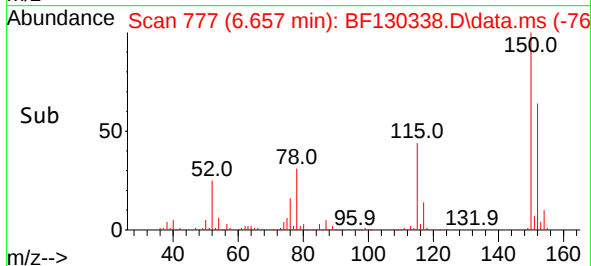
Instrument :
 BNA_F
 ClientSampleId :
 PB147679BS



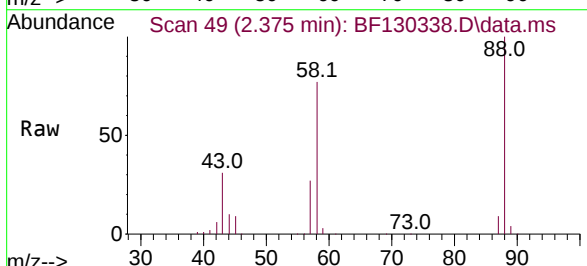
Tgt Ion: 152 Resp: 106989
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.8 184.2
 115 68.2 53.8 80.8

Manual Integrations
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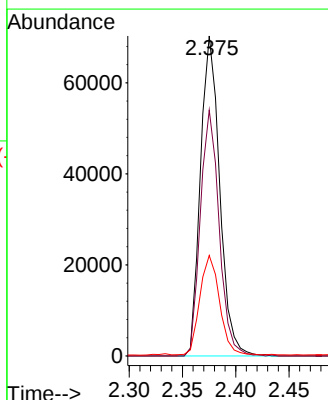
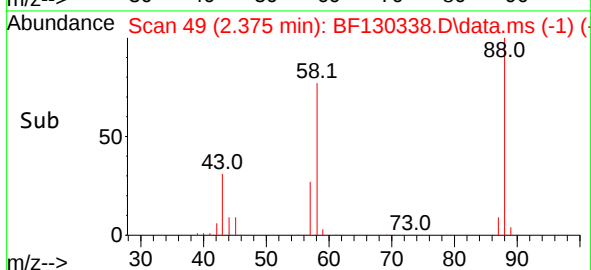
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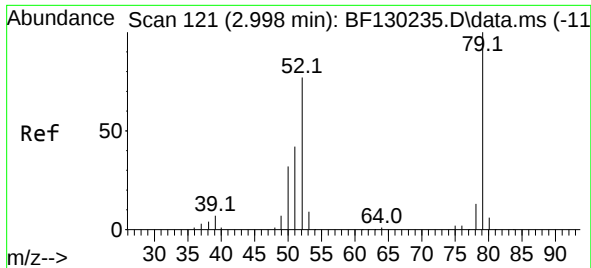


#2
 1,4-Dioxane
 Concen: 31.097 ng
 RT: 2.375 min Scan# 49
 Delta R.T. 0.088 min
 Lab File: BF130338.D
 Acq: 20 Sep 2022 11:40



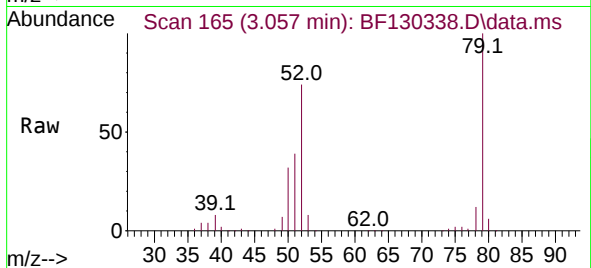
Tgt Ion: 88 Resp: 88094
 Ion Ratio Lower Upper
 88 100
 58 75.0 61.3 91.9
 43 31.6 23.0 34.6





#3
Pyridine
Concen: 32.407 ng
RT: 3.057 min Scan# 10
Delta R.T. 0.088 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

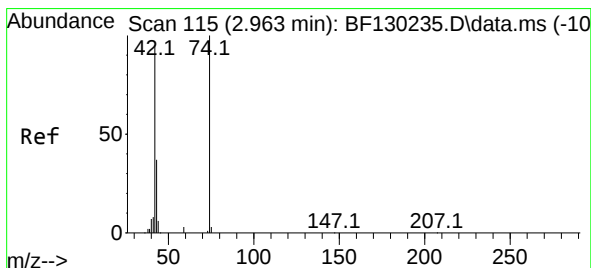
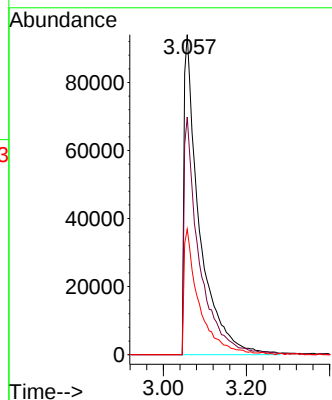
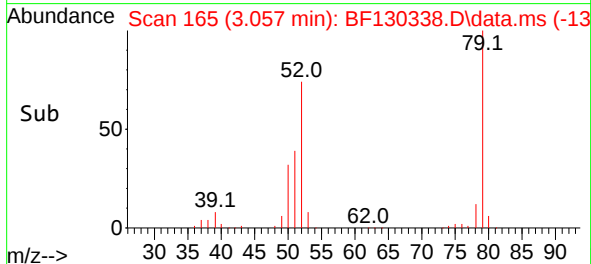
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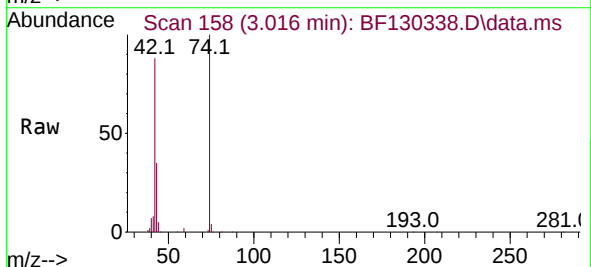
Tgt Ion: 79 Resp: 239490
Ion Ratio Lower Upper
79 100
52 74.2 62.4 93.6
51 39.2 32.2 48.4

Manual Integrations
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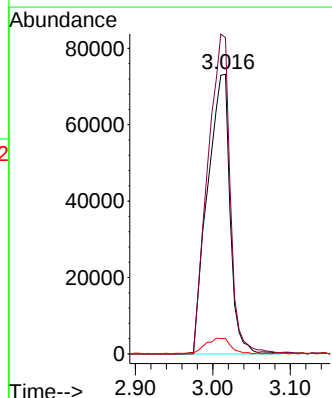
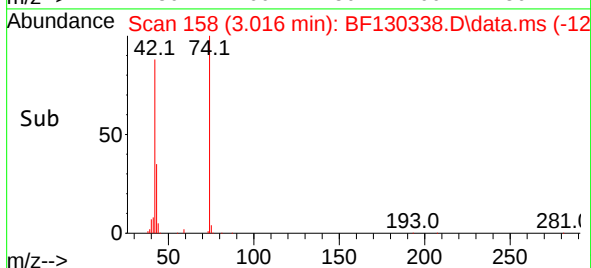
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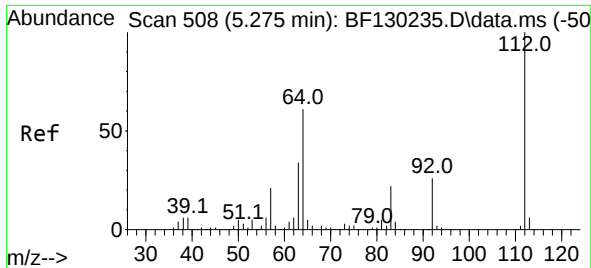


#4
n-Nitrosodimethylamine
Concen: 36.753 ng
RT: 3.016 min Scan# 158
Delta R.T. 0.076 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion: 42 Resp: 147722
Ion Ratio Lower Upper
42 100
74 113.0 88.4 132.6
44 5.6 5.0 7.4





#5
2-Fluorophenol
Concen: 131.133 ng
RT: 5.281 min Scan# 54
Delta R.T. 0.024 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

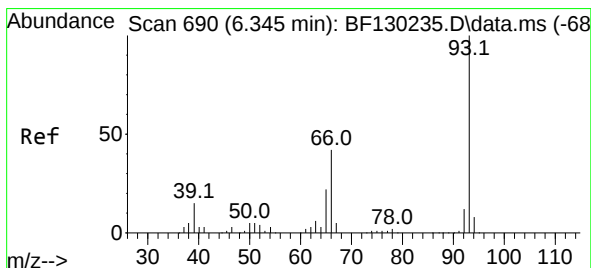
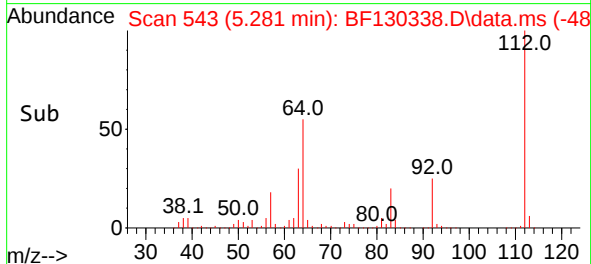
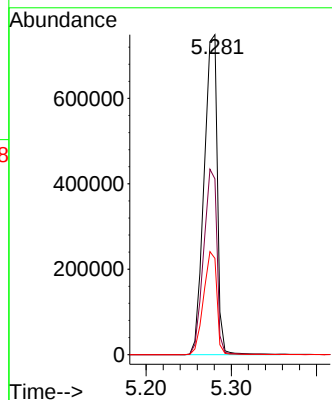
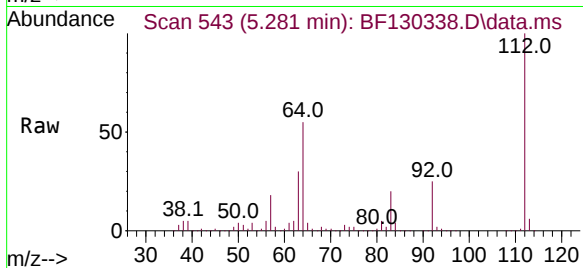
ClientSampleId :

PB147679BS

Tgt Ion:112 Resp: 808886
Ion Ratio Lower Upper
112 100
64 54.9 51.4 77.0
63 30.1 28.8 43.2

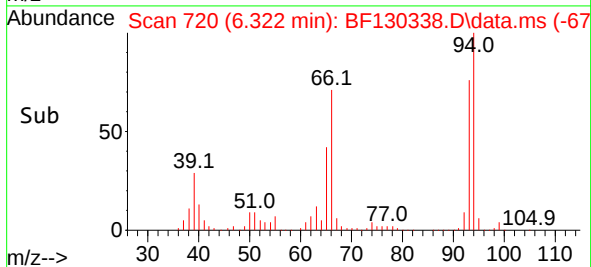
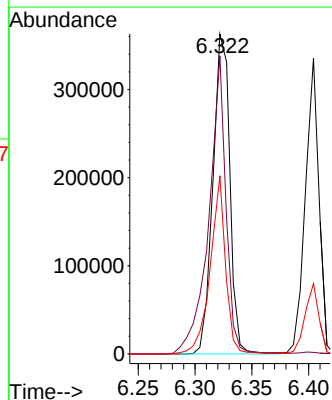
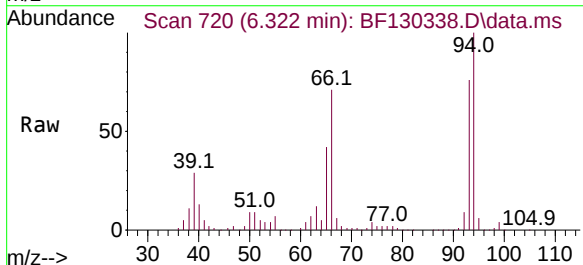
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#6
Aniline
Concen: 39.638 ng
RT: 6.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

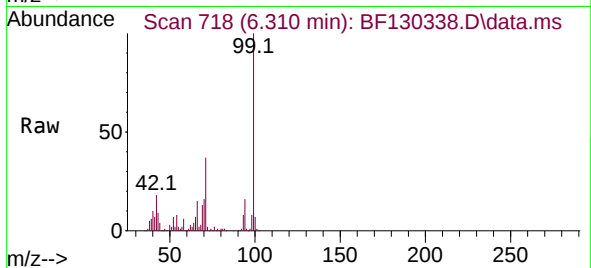
Tgt Ion: 93 Resp: 376947
Ion Ratio Lower Upper
93 100
66 93.2 34.2 51.4#
65 55.7 16.6 24.8#





#7
Phenol-d6
Concen: 130.320 ng
RT: 6.310 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

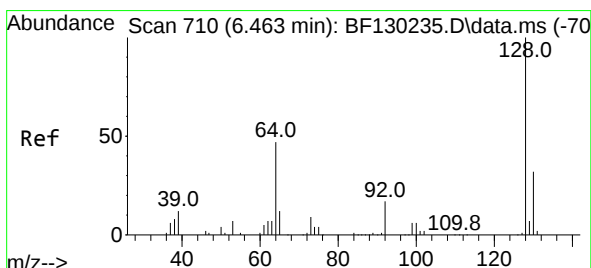
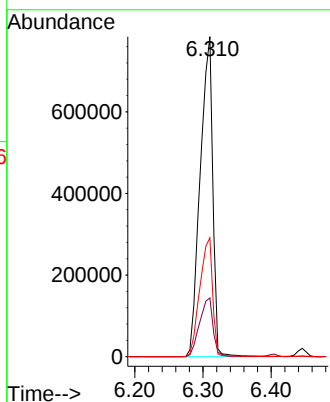
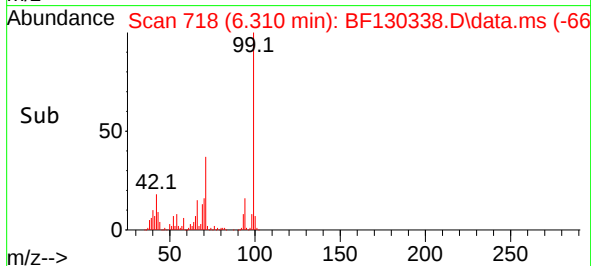
Instrument :
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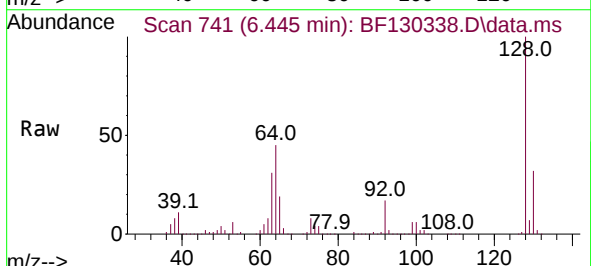
Tgt Ion: 99 Resp: 1005824
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 37.1 32.3 48.5

Manual Integrations
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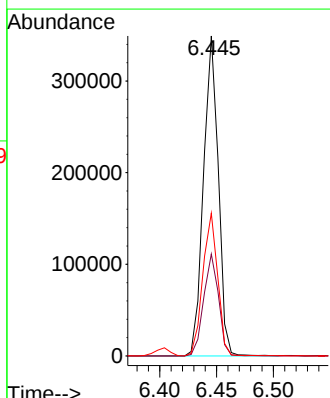
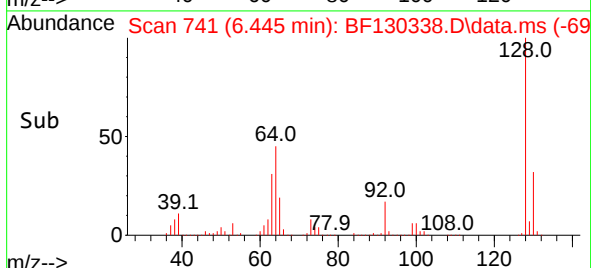
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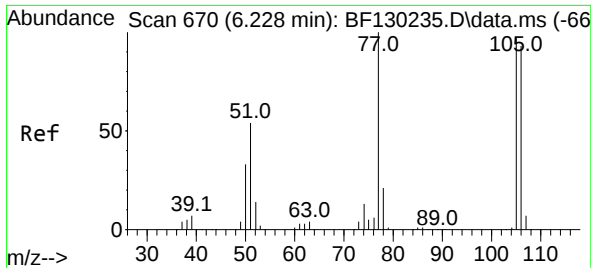


#8
2-Chlorophenol
Concen: 45.082 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:128 Resp: 316776
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 44.6 31.6 71.6





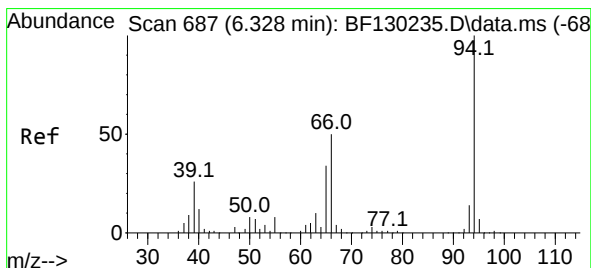
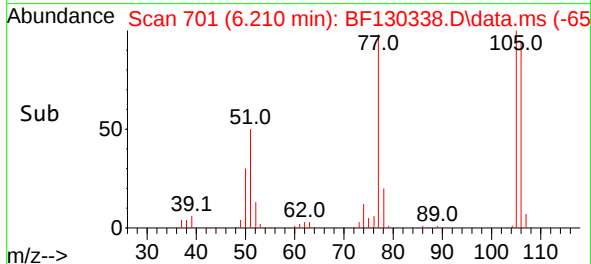
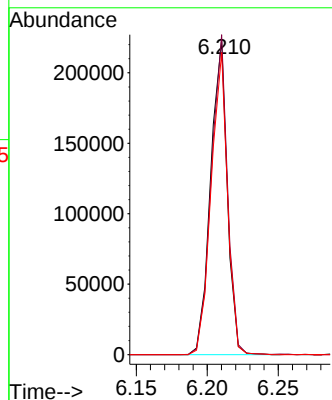
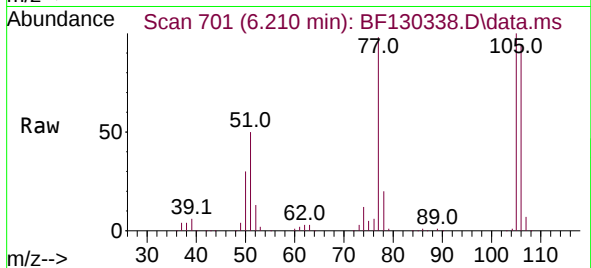
#9
Benzaldehyde
Concen: 35.227 ng
RT: 6.210 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :
BNA_F
Client Sample Id :
PB147679BS

Tgt Ion: 77 Resp: 182123
Ion Ratio Lower Upper
77 100
105 101.7 75.1 115.1
106 96.0 69.7 109.7

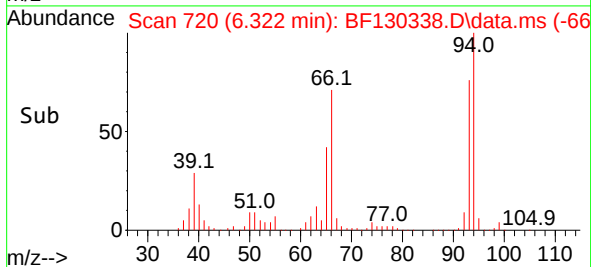
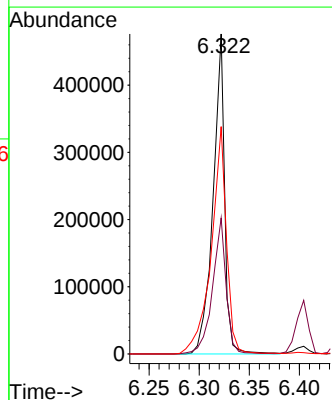
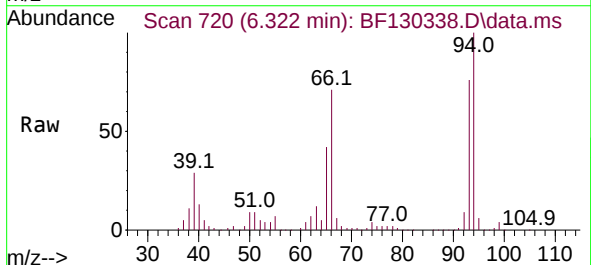
Manual Integrations
APPROVED

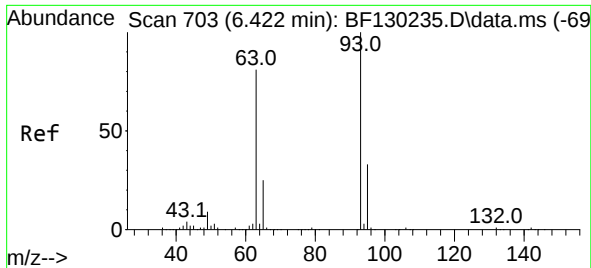
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#10
Phenol
Concen: 42.206 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

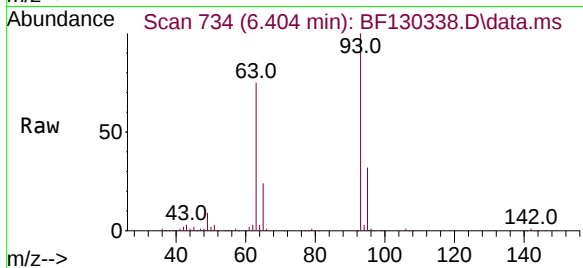
Tgt Ion: 94 Resp: 381751
Ion Ratio Lower Upper
94 100
65 42.5 14.1 54.1
66 71.0 28.1 68.1#





#11
bis(2-Chloroethyl)ether
Concen: 42.558 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

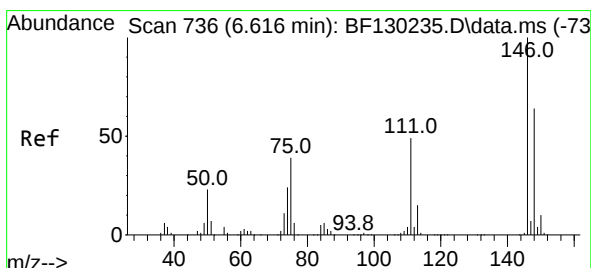
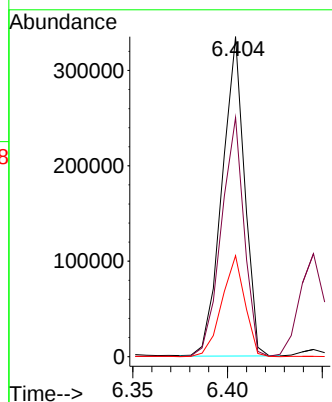
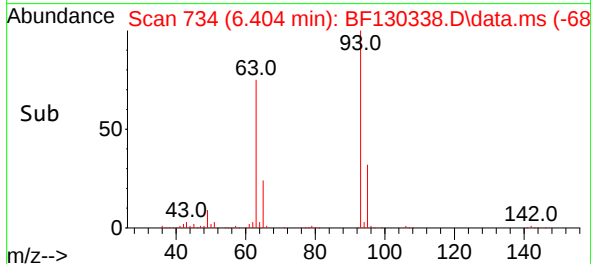
Instrument :
BNA_F
ClientSampleId :
PB147679BS



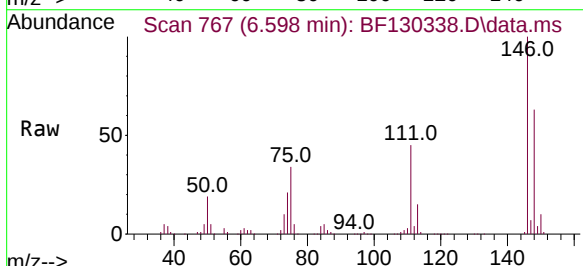
Tgt Ion: 93 Resp: 277645
Ion Ratio Lower Upper
93 100
63 74.7 62.5 102.5
95 31.5 12.5 52.5

Manual Integrations
APPROVED

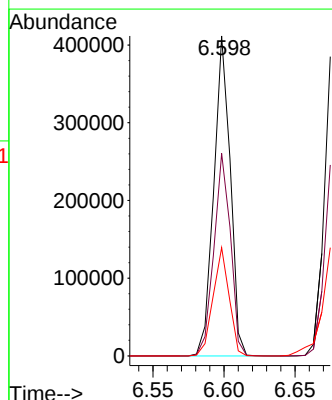
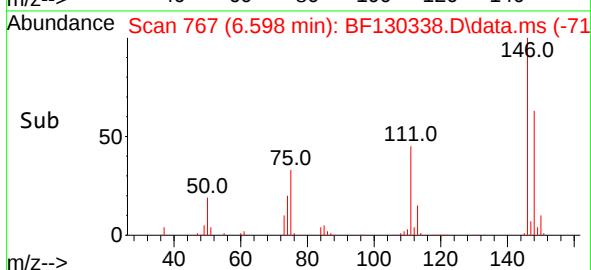
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

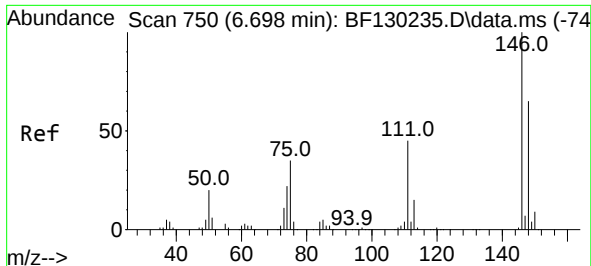


#12
1,3-Dichlorobenzene
Concen: 42.987 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:146 Resp: 332362
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
75 33.8 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 43.221 ng

RT: 6.675 min Scan# 78

Delta R.T. -0.006 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

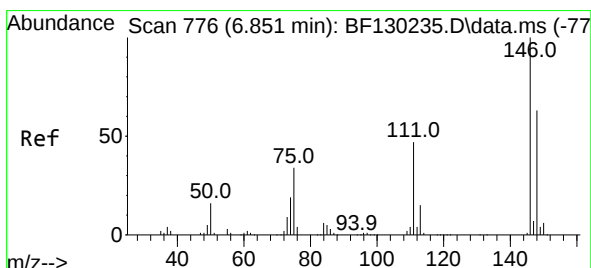
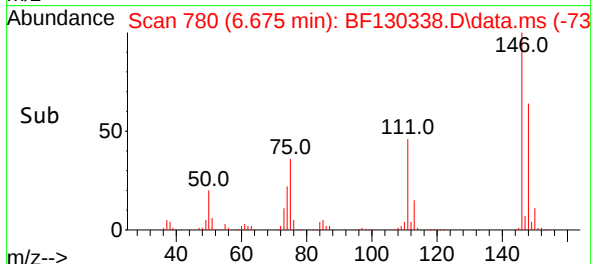
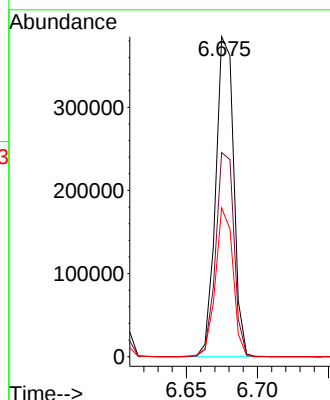
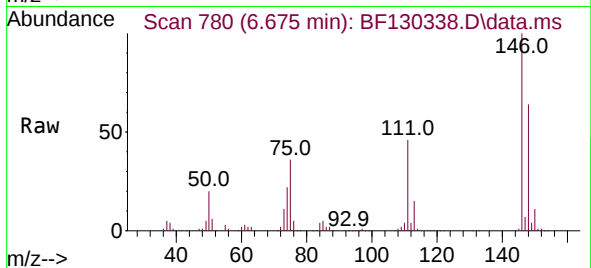
PB147679BS

Tgt Ion:146 Resp: 340775
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 46.5 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022



#14

1,2-Dichlorobenzene

Concen: 43.829 ng

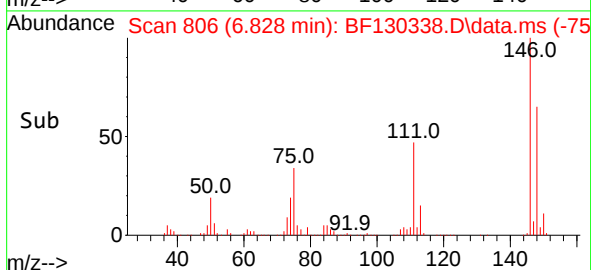
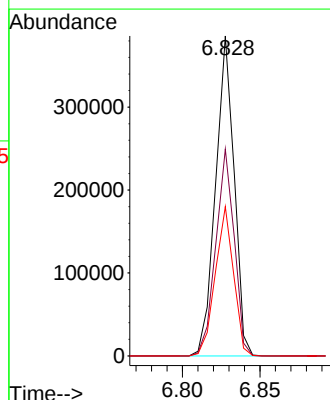
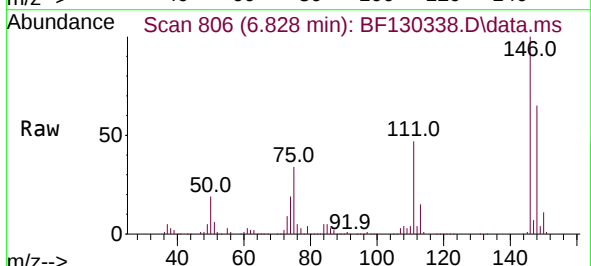
RT: 6.828 min Scan# 806

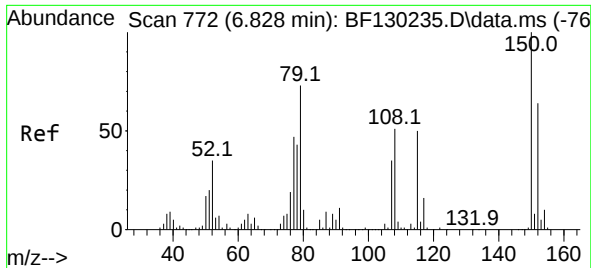
Delta R.T. -0.006 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

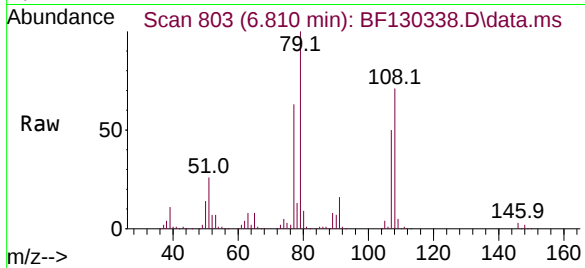
Tgt Ion:146 Resp: 322812
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 111 46.6 39.2 58.8





#15
Benzyl Alcohol
Concen: 41.493 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

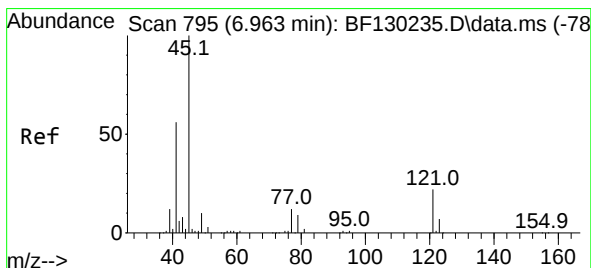
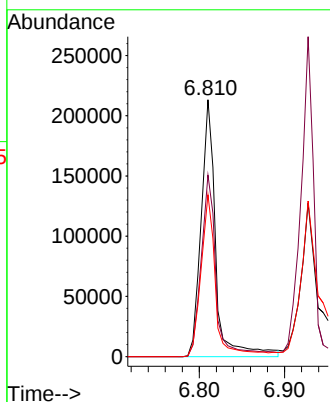
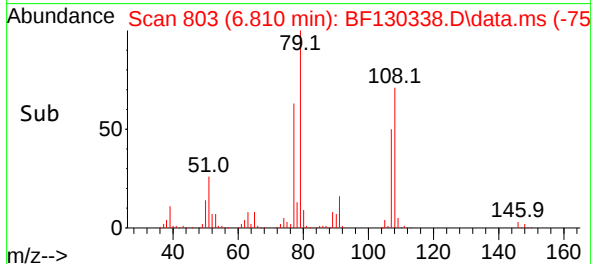
Instrument :
BNA_F
ClientSampleId :
PB147679BS



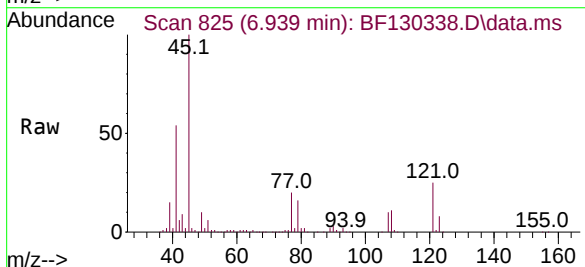
Tgt Ion: 79 Resp: 25391
Ion Ratio Lower Upper
79 100
108 70.7 54.0 81.0
77 63.0 51.3 76.9

Manual Integrations
APPROVED

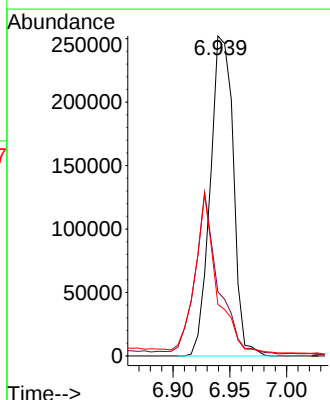
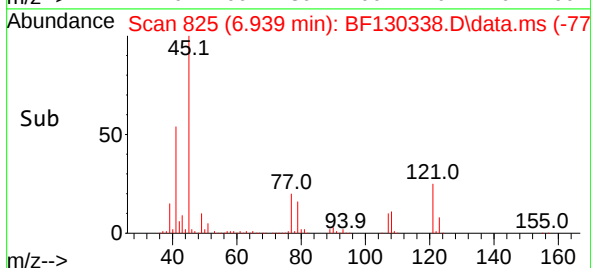
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

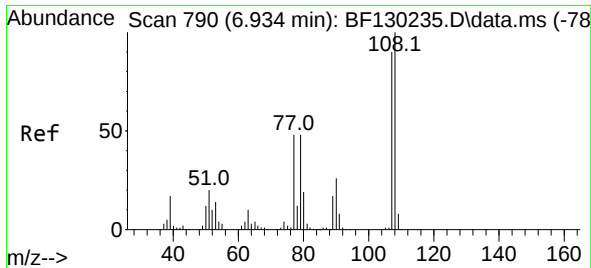


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.345 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



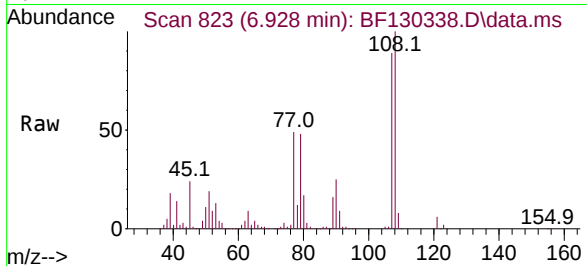
Tgt Ion: 45 Resp: 355352
Ion Ratio Lower Upper
45 100
77 20.0 0.0 34.9
79 16.1 0.0 31.0





#17
2-Methylphenol
Concen: 45.136 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

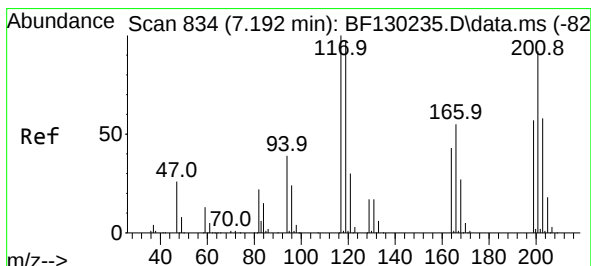
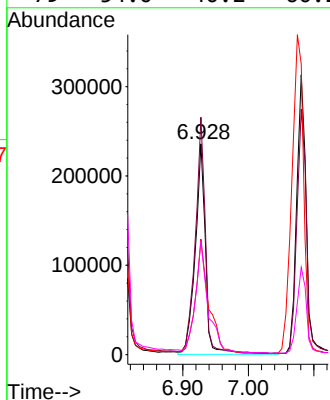
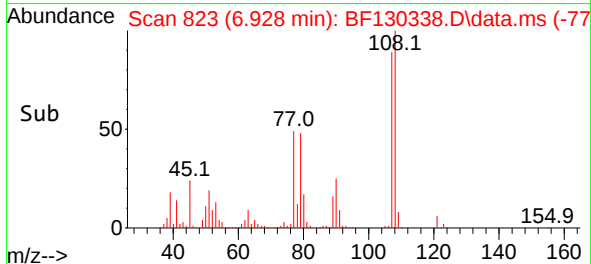
Instrument :
BNA_F
ClientSampleId :
PB147679BS



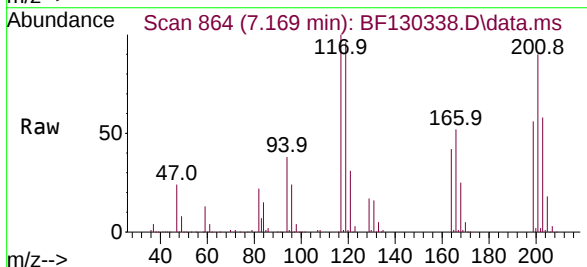
Tgt Ion:107 Resp: 257815
Ion Ratio Lower Upper
107 100
108 112.6 89.4 134.0
77 54.8 40.6 60.8
79 54.0 40.2 60.2

Manual Integrations
APPROVED

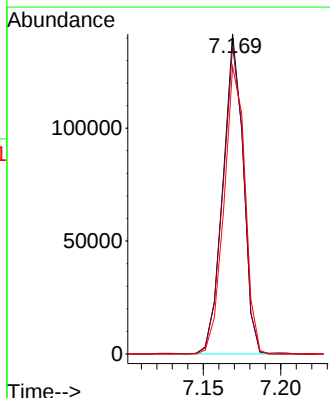
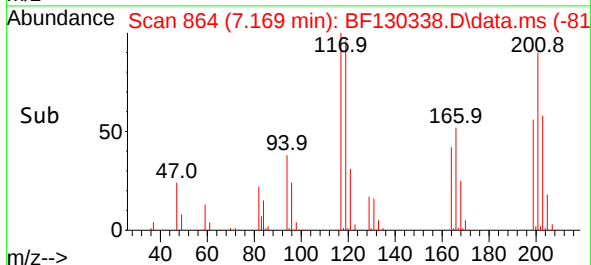
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

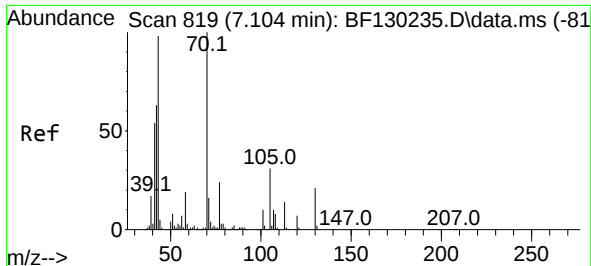


#18
Hexachloroethane
Concen: 41.490 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



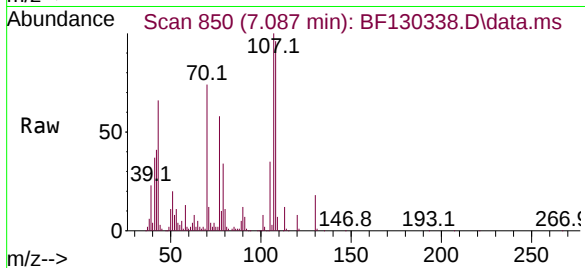
Tgt Ion:117 Resp: 128945
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.6
201 89.8 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.625 ng
RT: 7.087 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

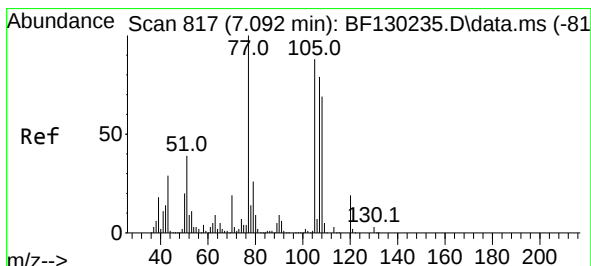
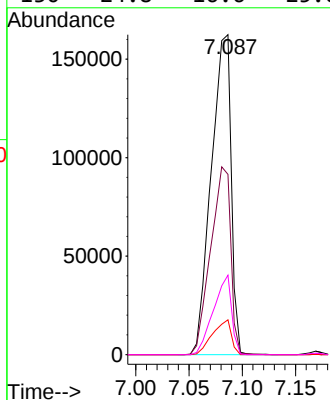
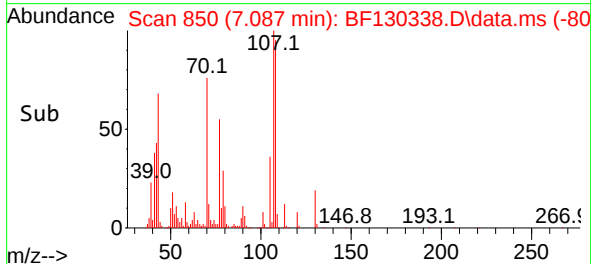
Instrument :
BNA_F
ClientSampleId :
PB147679BS



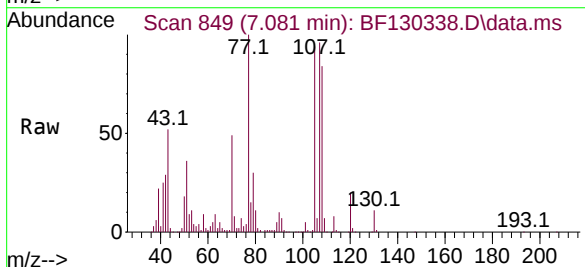
Tgt Ion: 70 Resp: 211574
Ion Ratio Lower Upper
70 100
42 56.4 50.8 76.2
101 10.9 8.2 12.4
130 24.8 16.6 25.0

Manual Integrations
APPROVED

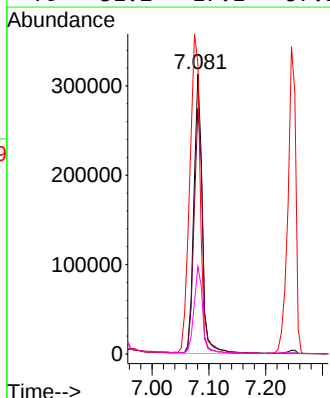
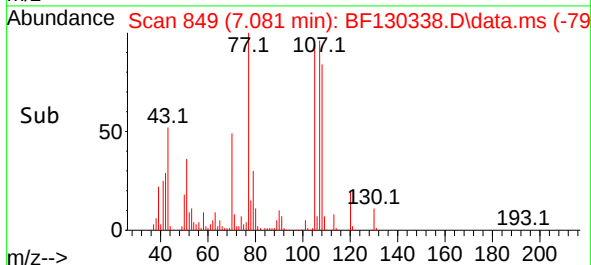
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

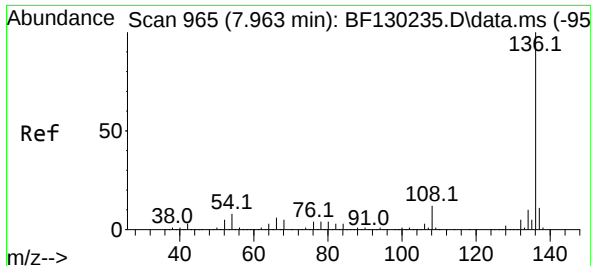


#20
3+4-Methylphenols
Concen: 43.216 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



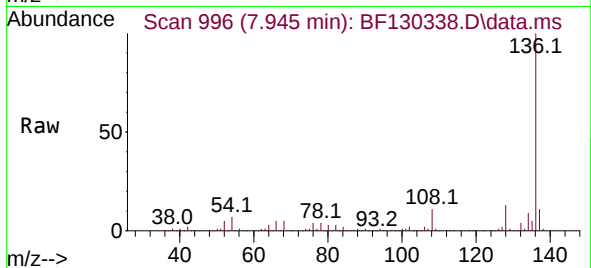
Tgt Ion:107 Resp: 320673
Ion Ratio Lower Upper
107 100
108 87.7 74.8 114.8
77 103.9 125.8 165.8#
79 31.2 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

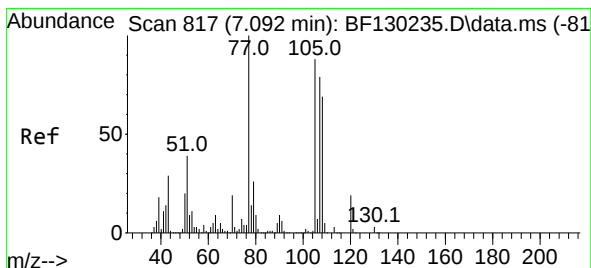
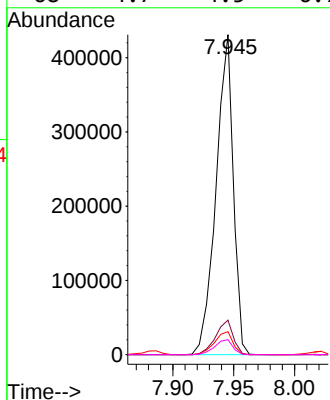
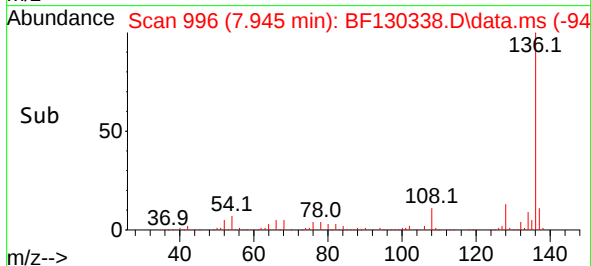
Instrument :
BNA_F
ClientSampleId :
PB147679BS



Tgt Ion:136 Resp: 42375
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.2 7.1 10.7
68 4.7 4.5 6.7

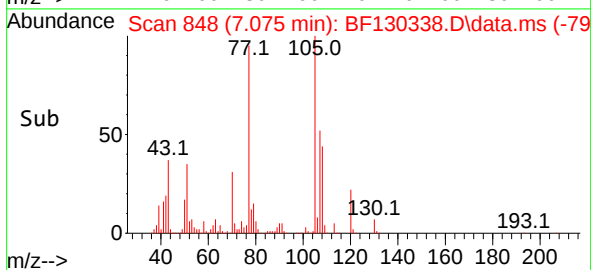
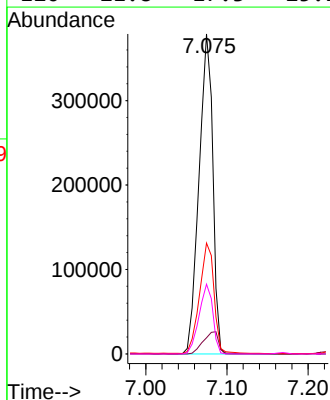
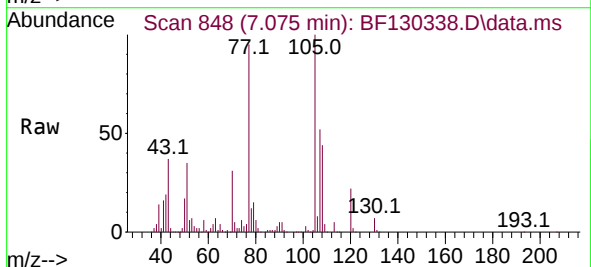
Manual Integrations
APPROVED

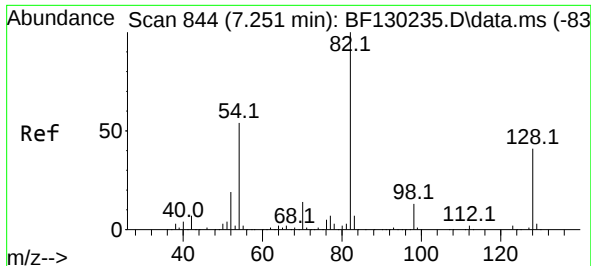
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#22
Acetophenone
Concen: 43.129 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion:105 Resp: 446820
Ion Ratio Lower Upper
105 100
71 5.0 3.9 5.9
51 34.6 32.2 48.2
120 21.8 17.3 25.9





#23
Nitrobenzene-d5
Concen: 77.015 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

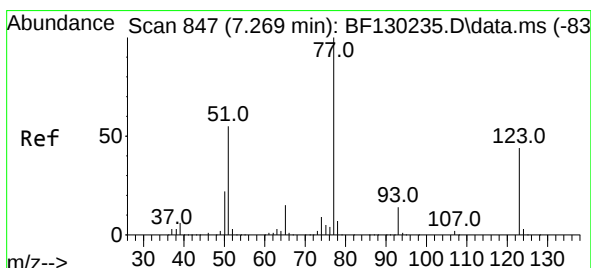
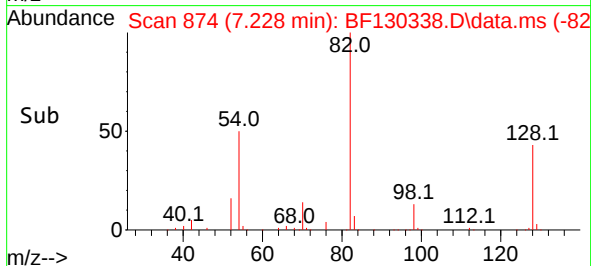
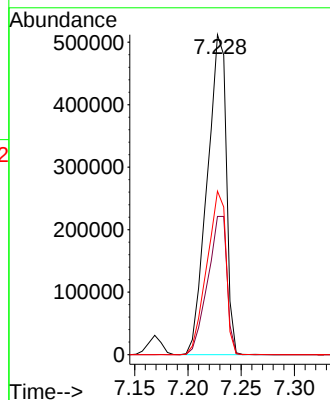
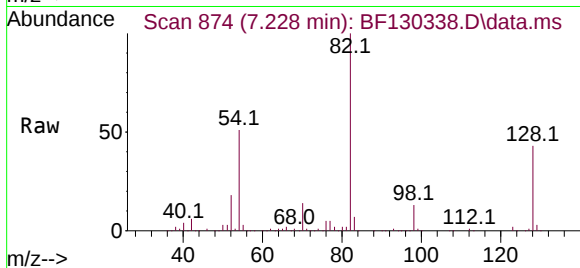
PB147679BS

Tgt Ion: 82 Resp: 638803
Ion Ratio Lower Upper
82 100
128 43.2 32.6 49.0
54 51.1 43.8 65.6

Manual Integrations

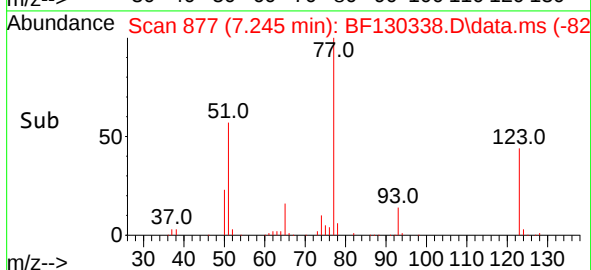
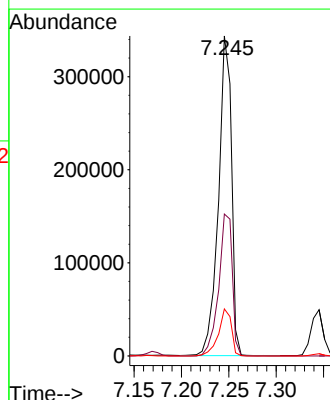
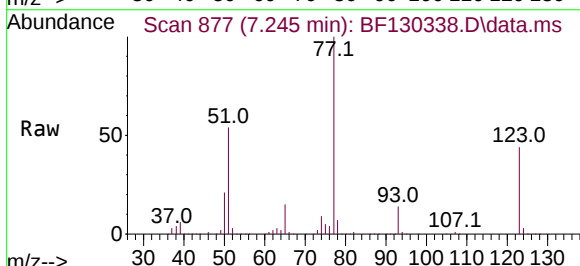
APPROVED

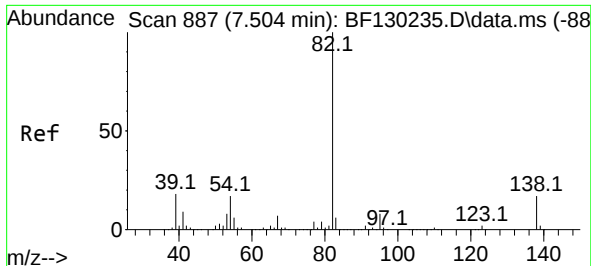
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#24
Nitrobenzene
Concen: 39.095 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion: 77 Resp: 329267
Ion Ratio Lower Upper
77 100
123 44.3 34.3 51.5
65 14.7 12.0 18.0





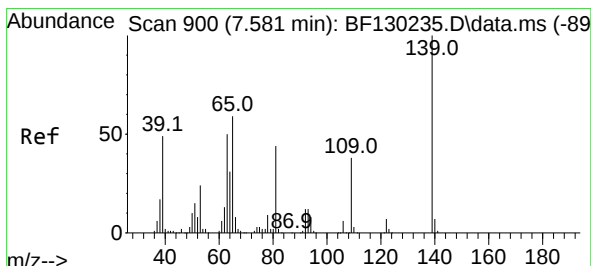
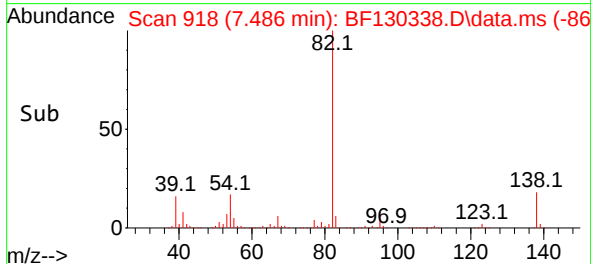
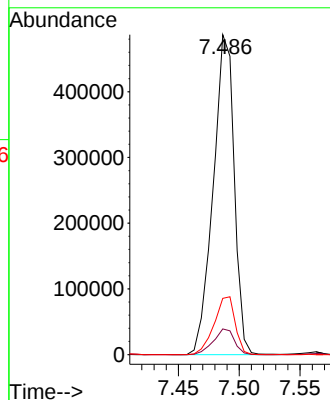
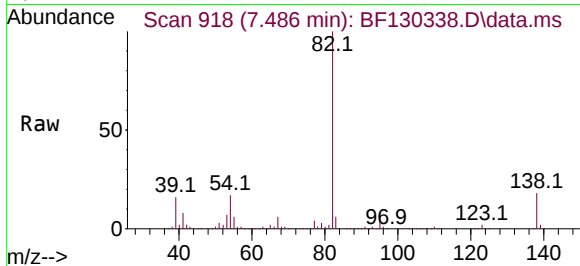
#25
Isophorone
Concen: 43.700 ng
RT: 7.486 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :
BNA_F
ClientSampleId :
PB147679BS

Tgt Ion: 82 Resp: 584211
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.6 13.8 20.6

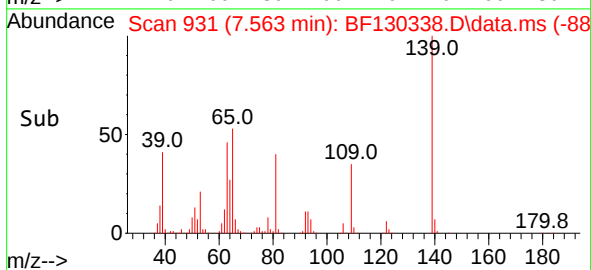
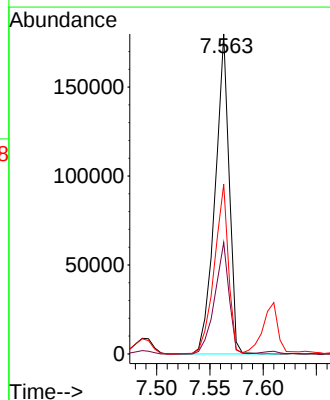
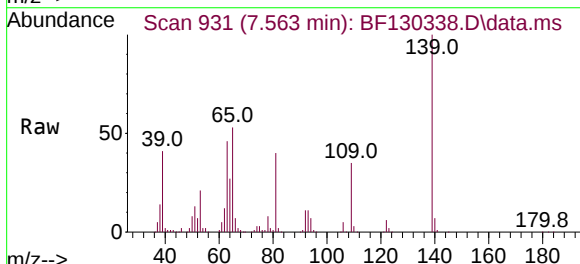
Manual Integrations
APPROVED

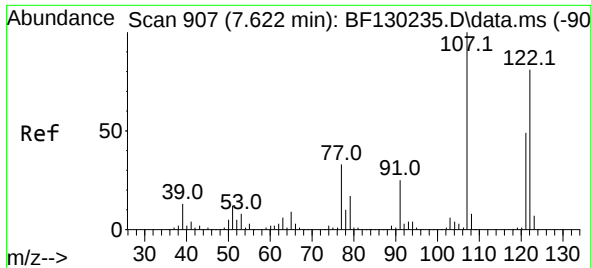
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#26
2-Nitrophenol
Concen: 47.796 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion:139 Resp: 165018
Ion Ratio Lower Upper
139 100
109 34.8 30.2 45.4
65 53.0 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 49.341 ng

RT: 7.610 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130338.D

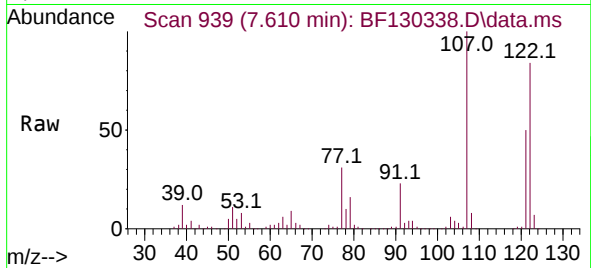
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS



Tgt Ion:122 Resp: 262299

Ion Ratio Lower Upper

122 100

107 119.4 100.2 150.2

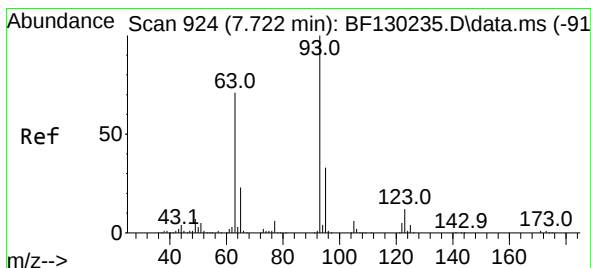
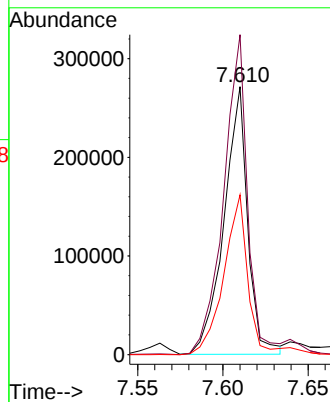
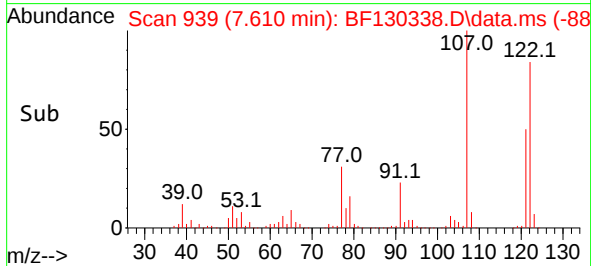
121 59.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.608 ng

RT: 7.704 min Scan# 955

Delta R.T. -0.000 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

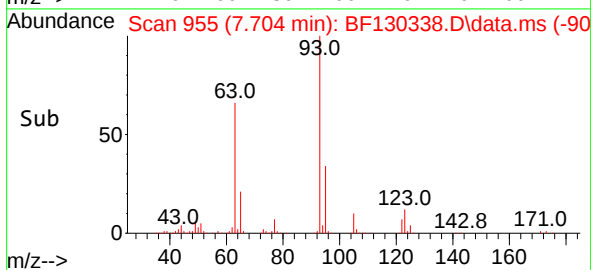
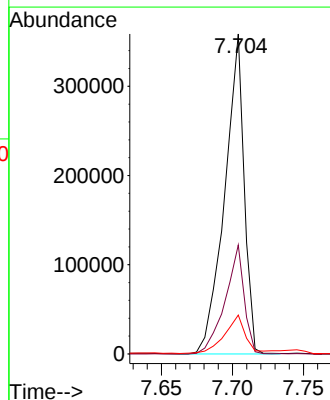
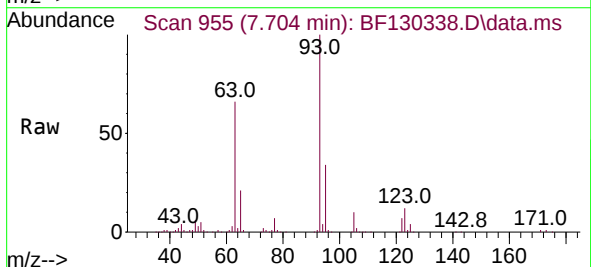
Tgt Ion: 93 Resp: 343328

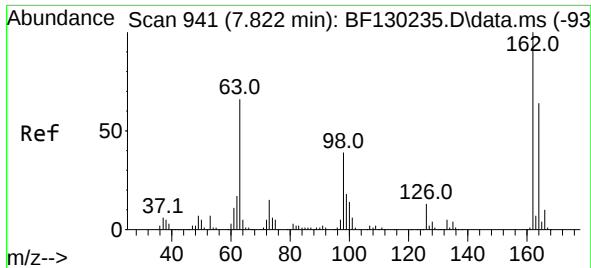
Ion Ratio Lower Upper

93 100

95 34.0 26.3 39.5

123 12.1 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 44.383 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

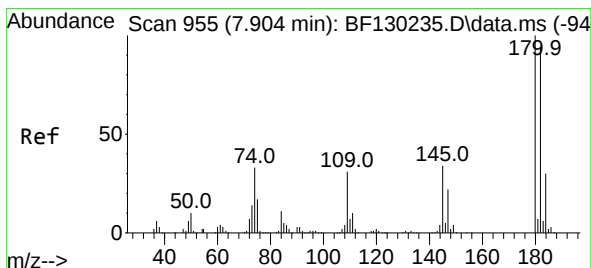
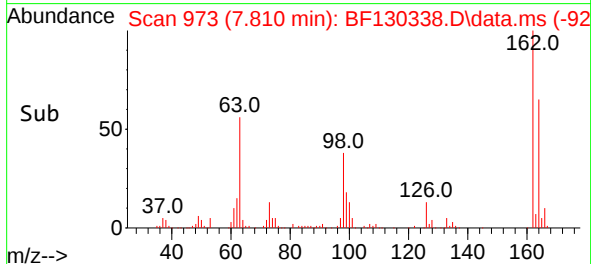
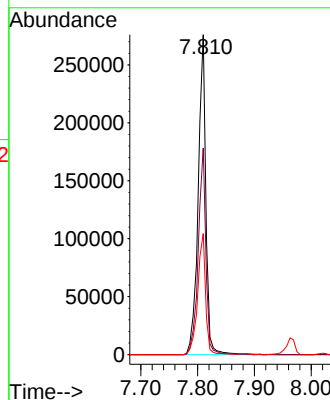
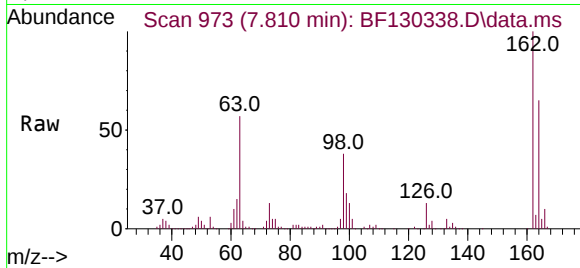
PB147679BS

Tgt Ion:162	Resp: 258552
Ion Ratio	Lower Upper
162 100	
164 64.5	42.2 82.2
98 37.8	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.634 ng

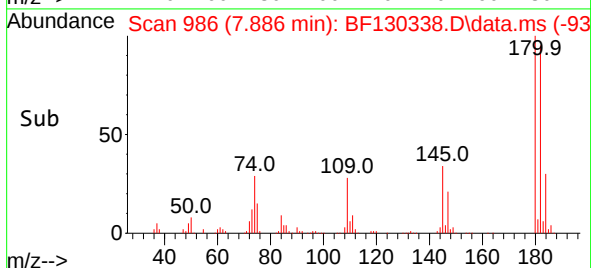
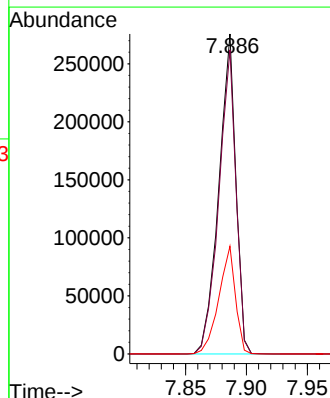
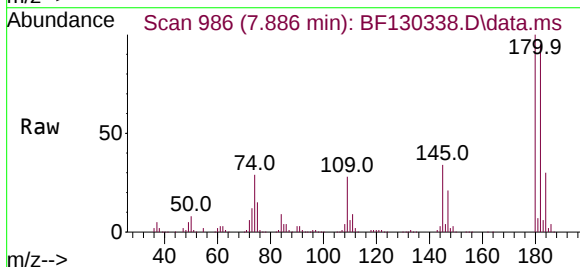
RT: 7.886 min Scan# 986

Delta R.T. -0.000 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

Tgt Ion:180	Resp: 268520
Ion Ratio	Lower Upper
180 100	
182 95.0	73.3 109.9
145 33.6	28.3 42.5





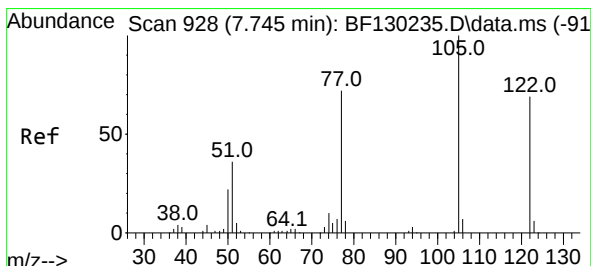
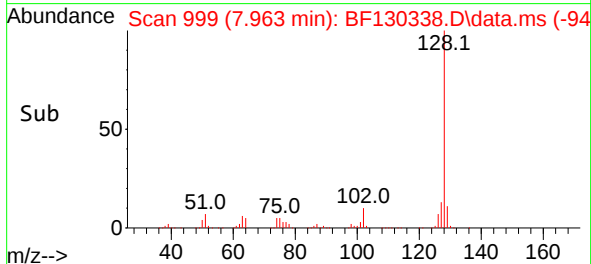
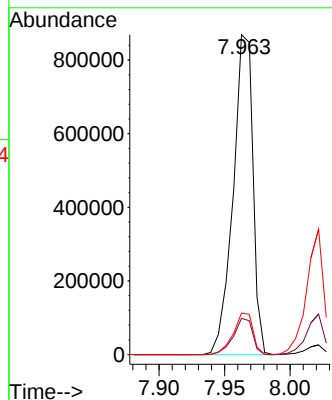
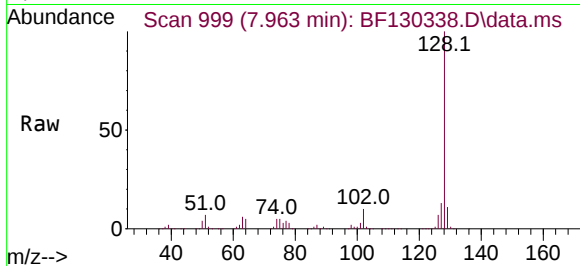
#31
Naphthalene
Concen: 41.858 ng
RT: 7.963 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :
BNA_F
ClientSampleId :
PB147679BS

Tgt Ion:128 Resp: 913815
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.0 10.6 16.0

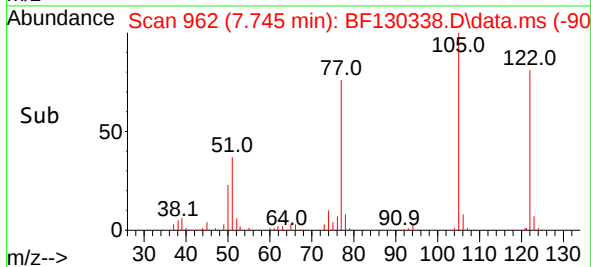
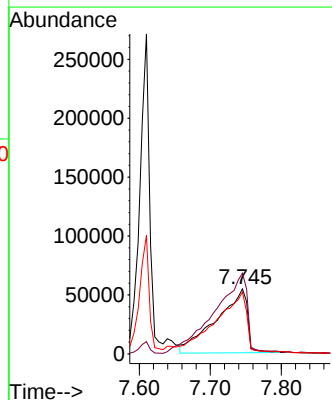
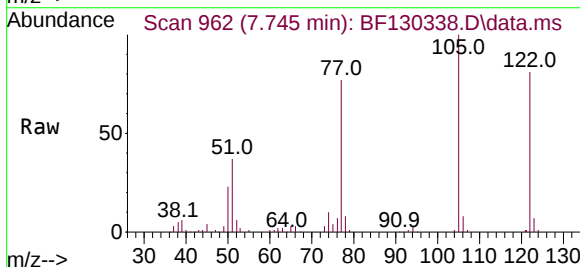
Manual Integrations
APPROVED

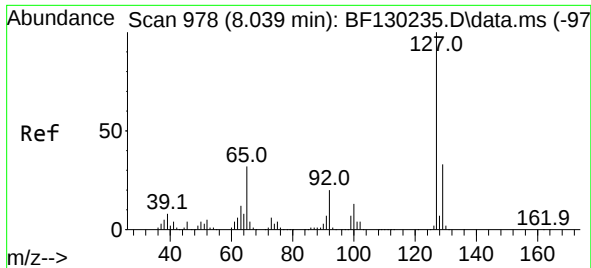
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#32
Benzoic acid
Concen: 40.022 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion:122 Resp: 164530
Ion Ratio Lower Upper
122 100
105 124.1 112.9 152.9
77 95.2 82.8 122.8





#33
4-Chloroaniline
Concen: 38.503 ng
RT: 8.022 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

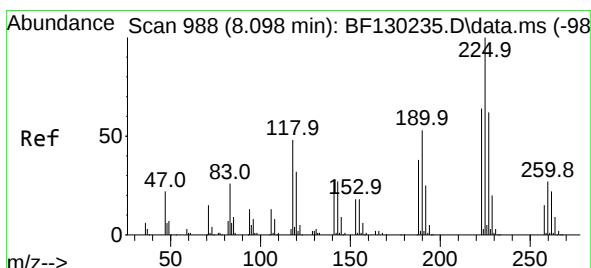
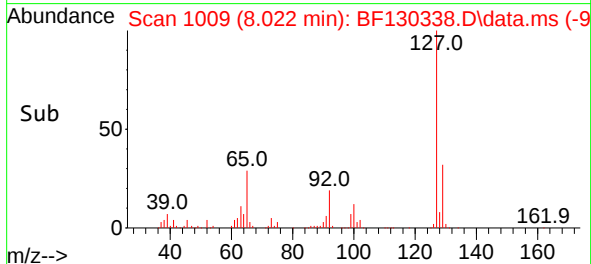
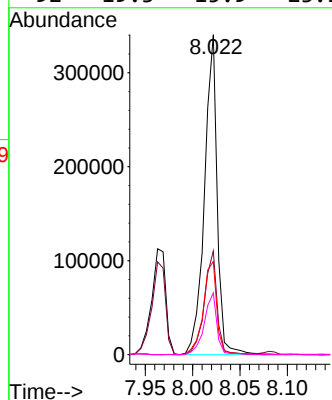
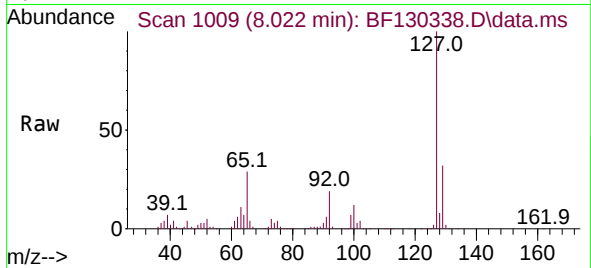
PB147679BS

Tgt Ion:127 Resp: 319696
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 29.1 27.0 40.6
92 19.3 15.9 23.9

Manual Integrations

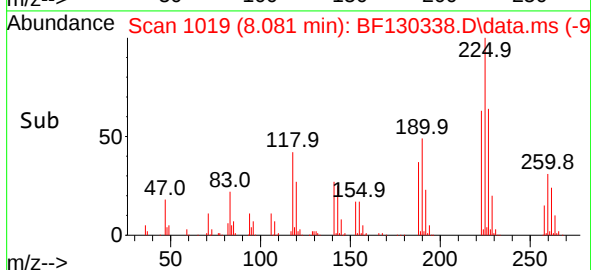
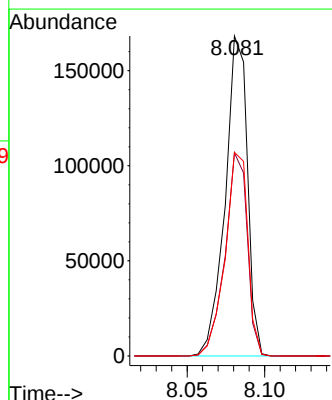
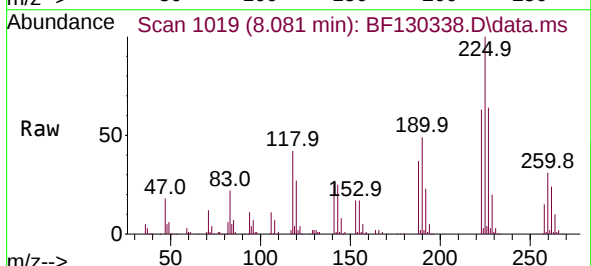
APPROVED

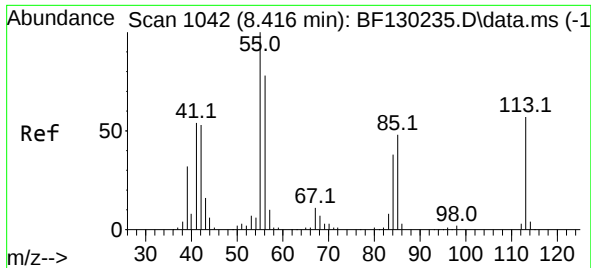
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#34
Hexachlorobutadiene
Concen: 41.730 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

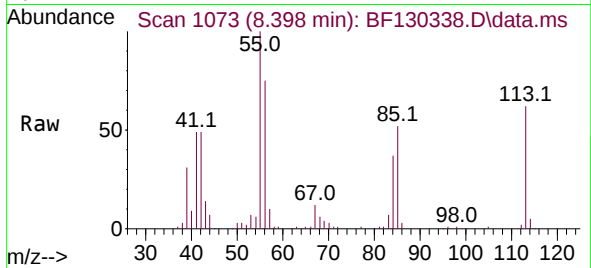
Tgt Ion:225 Resp: 167970
Ion Ratio Lower Upper
225 100
223 63.5 50.3 75.5
227 63.6 51.1 76.7





#35
 Caprolactam
 Concen: 51.946 ng m
 RT: 8.398 min Scan# 1073
 Delta R.T. -0.006 min
 Lab File: BF130338.D
 Acq: 20 Sep 2022 11:40

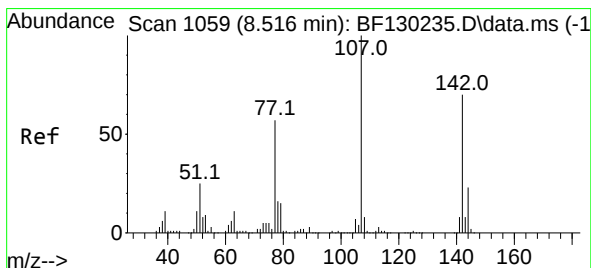
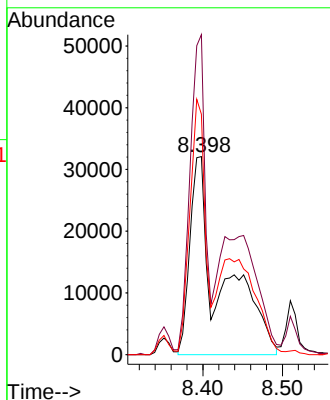
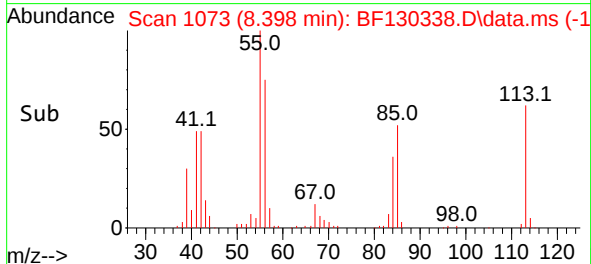
Instrument :
 BNA_F
 ClientSampleId :
 PB147679BS



Tgt Ion:113 Resp: 86752
 Ion Ratio Lower Upper
 113 100
 55 161.7 155.4 195.4
 56 121.4 120.4 160.4

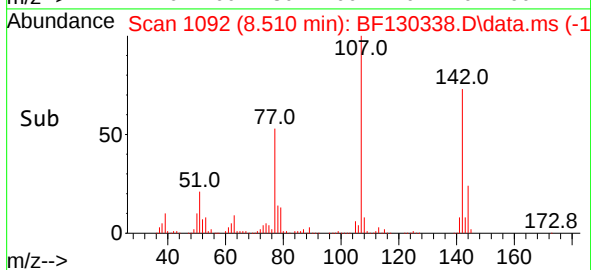
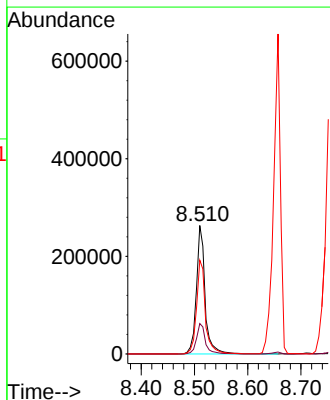
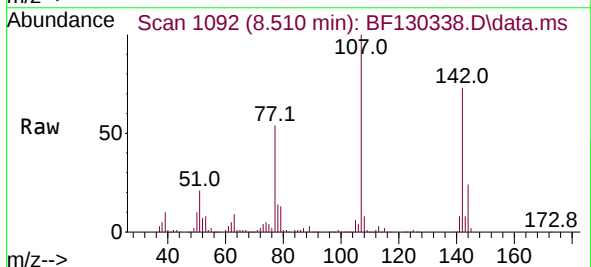
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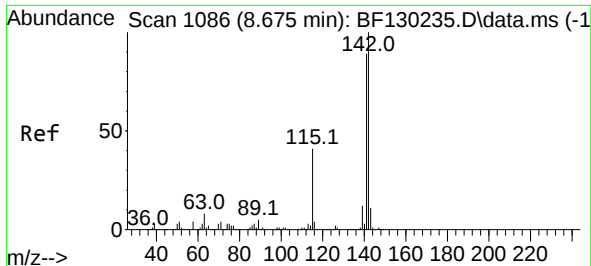
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022



#36
 4-Chloro-3-methylphenol
 Concen: 45.956 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: BF130338.D
 Acq: 20 Sep 2022 11:40

Tgt Ion:107 Resp: 296745
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.0 30.0
 142 72.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 42.373 ng

RT: 8.657 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS

Tgt Ion:142 Resp: 589802

Ion Ratio Lower Upper

142 100

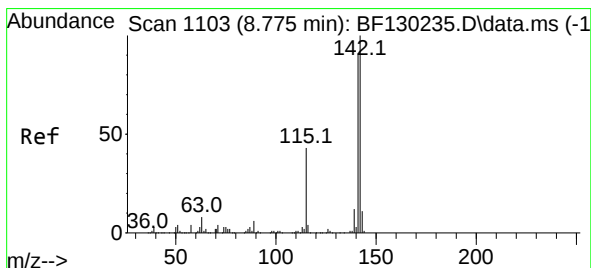
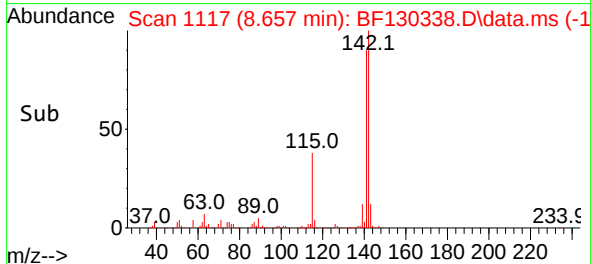
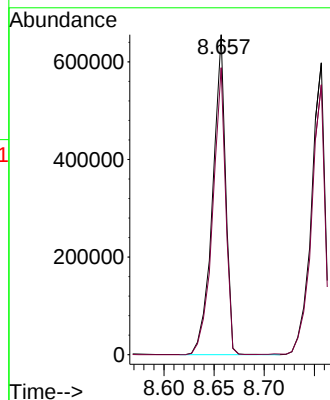
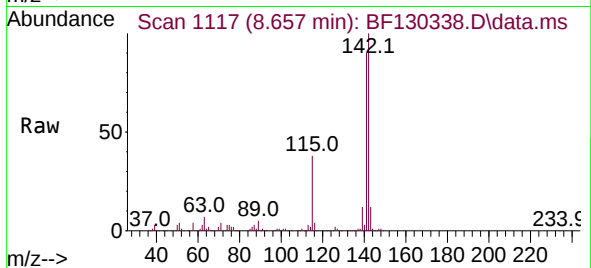
141 89.7 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#38

1-Methylnaphthalene

Concen: 42.104 ng

RT: 8.757 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130338.D

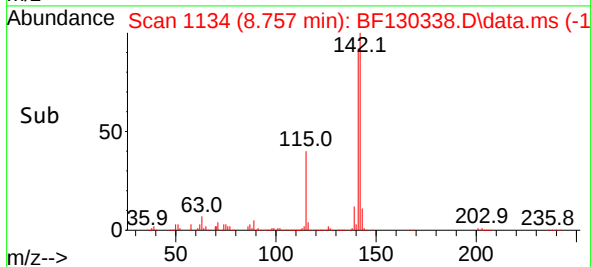
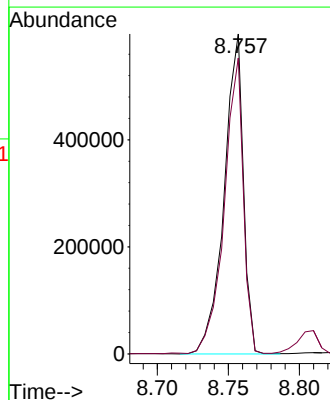
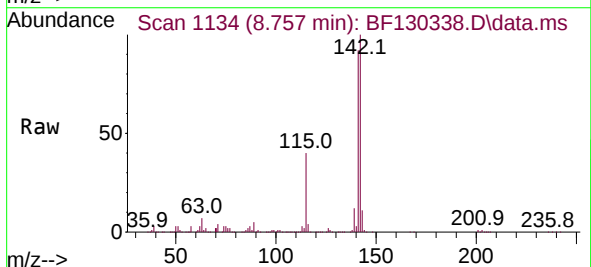
Acq: 20 Sep 2022 11:40

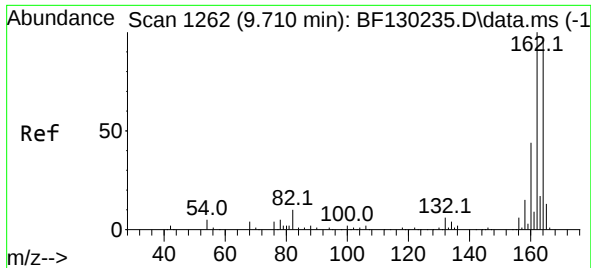
Tgt Ion:142 Resp: 562998

Ion Ratio Lower Upper

142 100

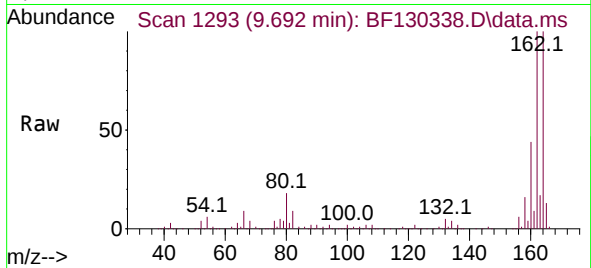
141 92.5 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

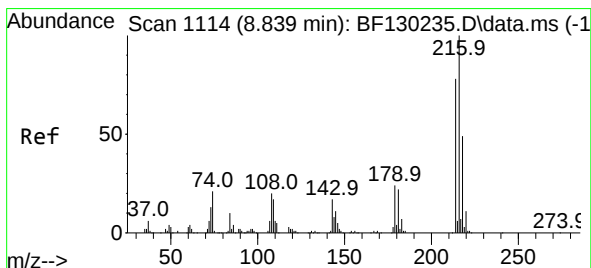
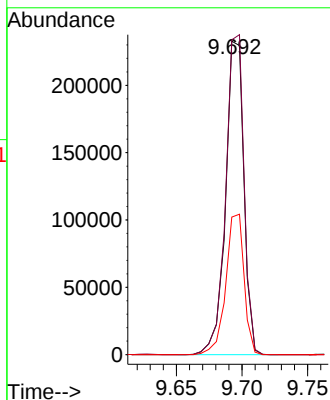
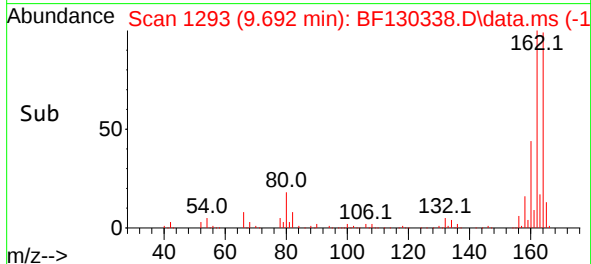
Instrument :
BNA_F
ClientSampleId :
PB147679BS



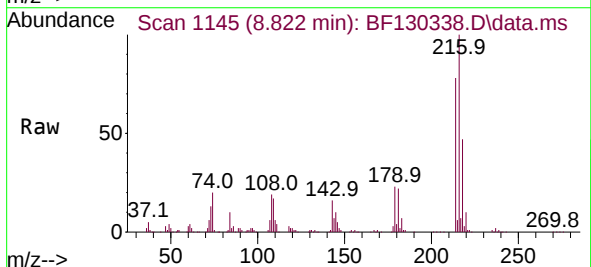
Tgt Ion:164 Resp: 225989
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.9 36.2 54.4

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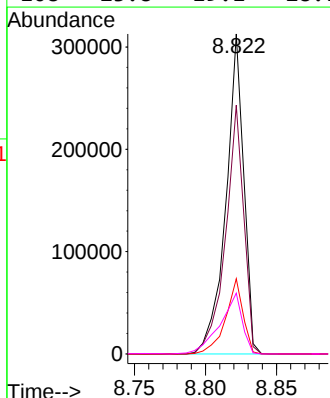
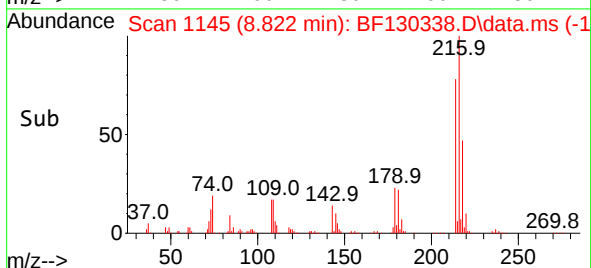
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.191 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



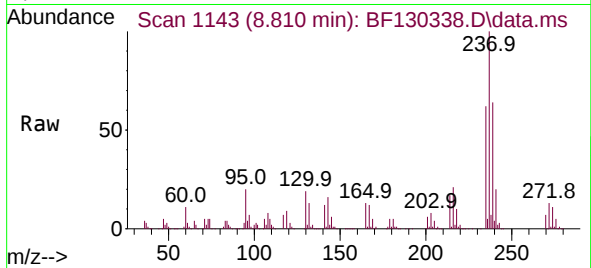
Tgt Ion:216 Resp: 272542
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 23.0 19.5 29.3
108 23.8 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 100.705 ng
RT: 8.810 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

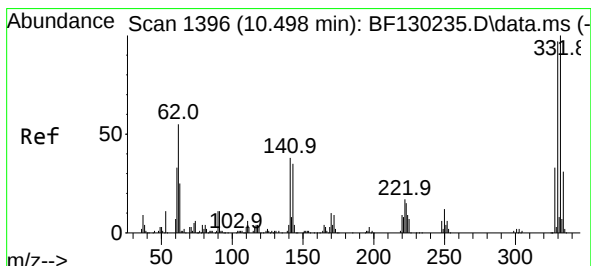
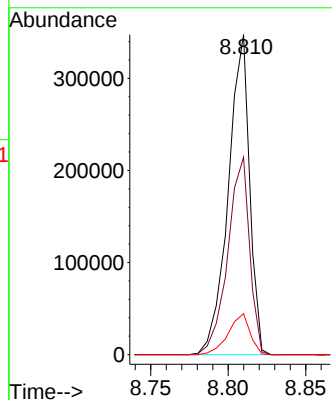
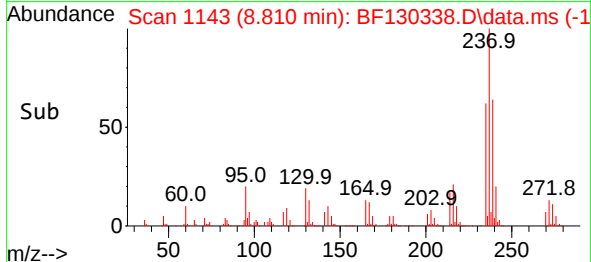
Instrument :
BNA_F
ClientSampleId :
PB147679BS



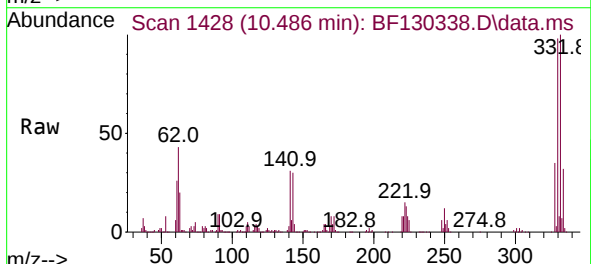
Tgt Ion: 237 Resp: 332521
Ion Ratio Lower Upper
237 100
235 61.7 42.5 82.5
272 12.8 0.0 32.8

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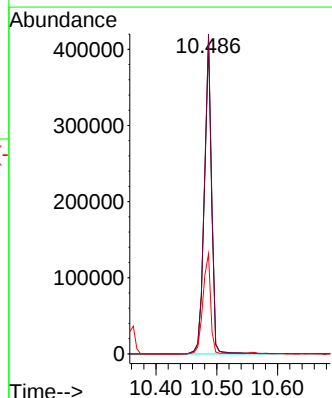
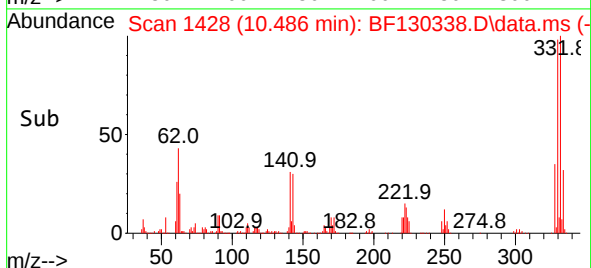
Reviewed By : Christian Giraldo 09/21/2022
Supervised By : Jagrut Upadhyay 09/21/2022

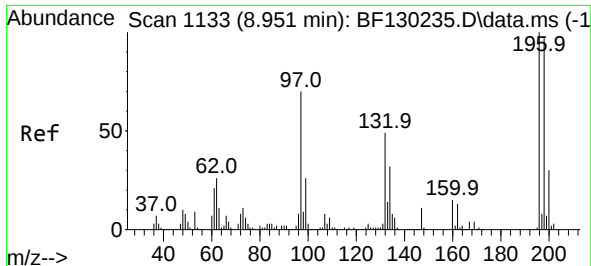


#42
2,4,6-Tribromophenol
Concen: 156.038 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion: 330 Resp: 337885
Ion Ratio Lower Upper
330 100
332 102.2 83.4 125.2
141 34.2 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 44.237 ng

RT: 8.939 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF130338.D

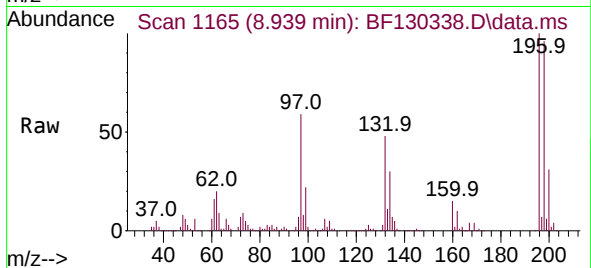
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS



Tgt Ion:196 Resp: 190406

Ion Ratio Lower Upper

196 100

198 95.9 72.4 108.6

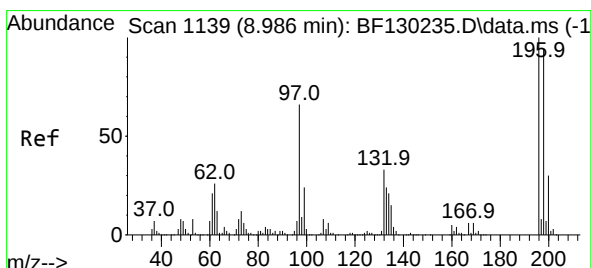
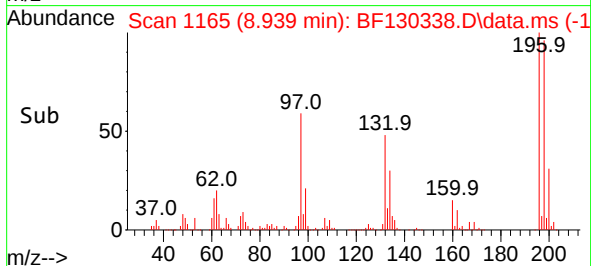
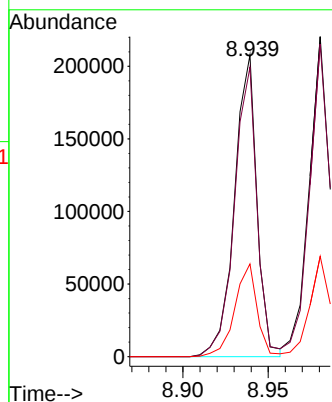
200 30.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#44

2,4,5-Trichlorophenol

Concen: 43.538 ng

RT: 8.980 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

Tgt Ion:196 Resp: 202223

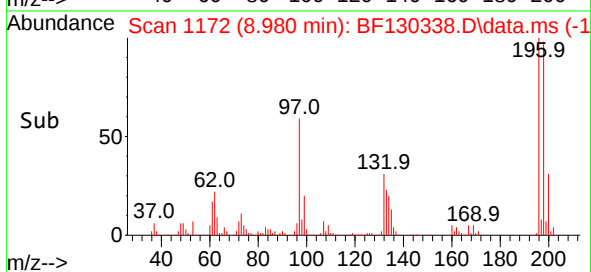
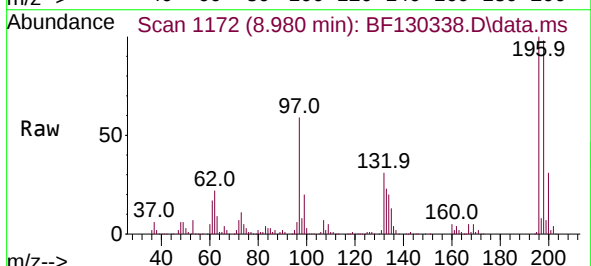
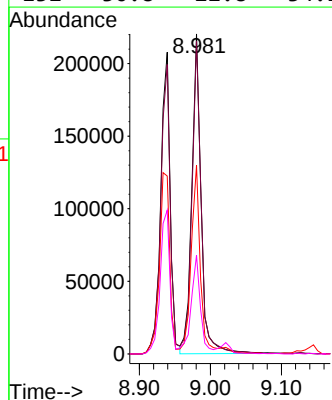
Ion Ratio Lower Upper

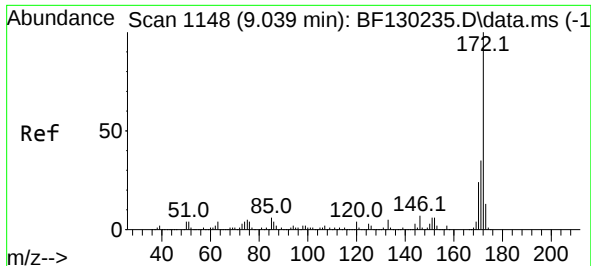
196 100

198 97.7 74.8 112.2

97 58.9 43.7 65.5

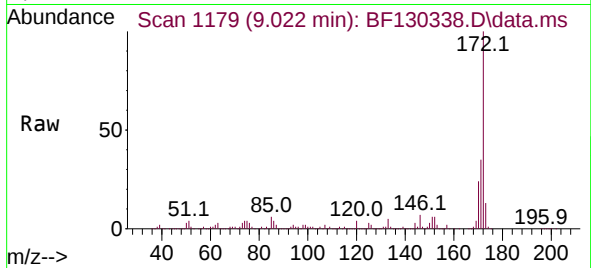
132 30.8 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 79.850 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

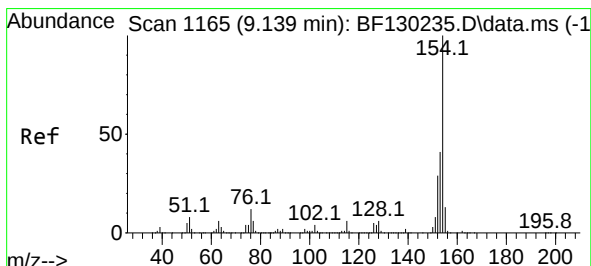
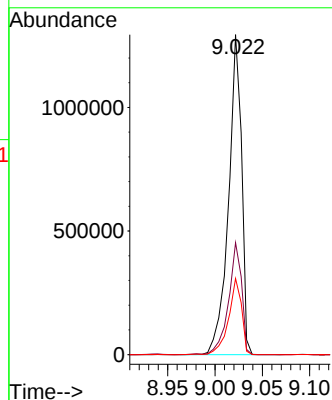
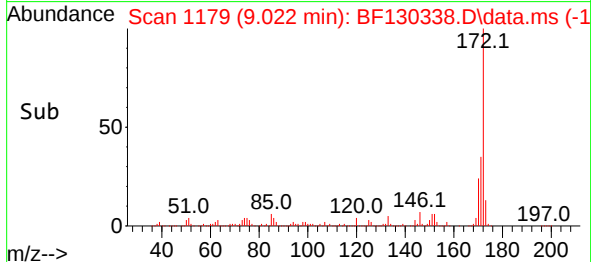
Instrument :
BNA_F
ClientSampleId :
PB147679BS



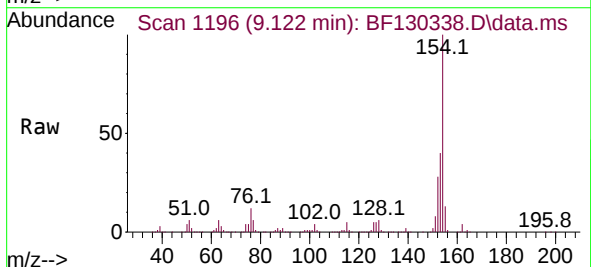
Tgt Ion:172 Resp: 123921
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.8 18.7 28.1

Manual Integrations
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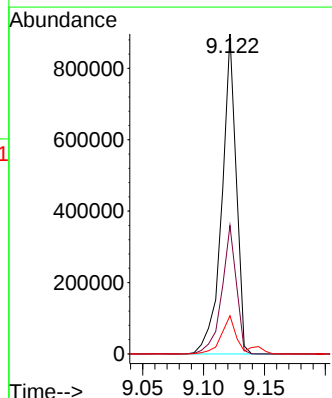
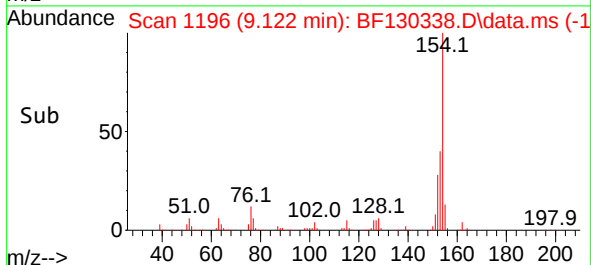
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

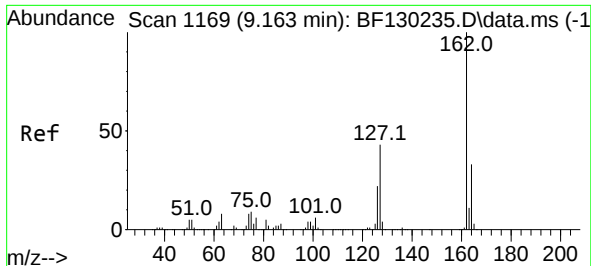


#46
1,1'-Biphenyl
Concen: 43.440 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:154 Resp: 733168
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 11.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 41.808 ng

RT: 9.145 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS

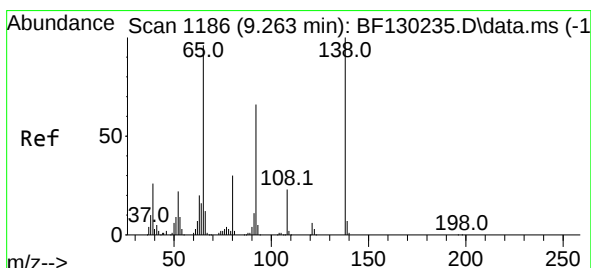
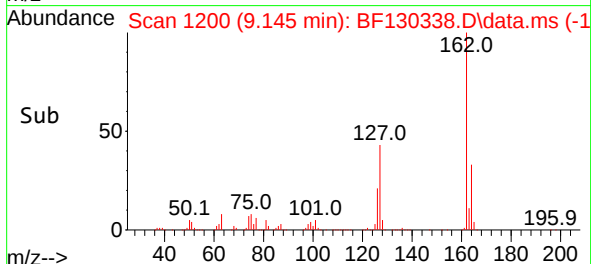
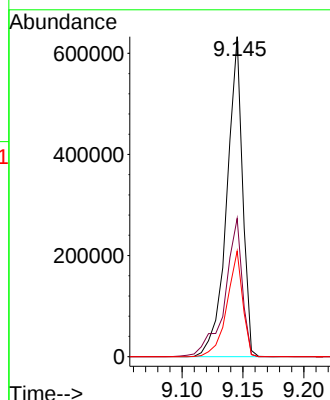
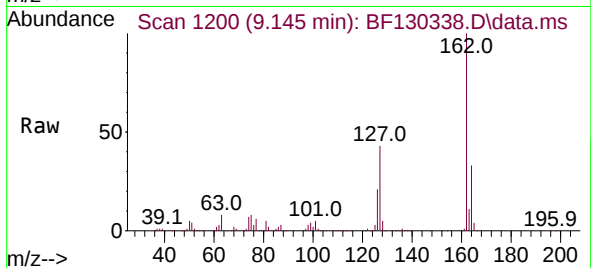
Tgt Ion:162 Resp: 570815
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.9 53.9
 164 33.0 26.2 39.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#48

2-Nitroaniline

Concen: 41.149 ng

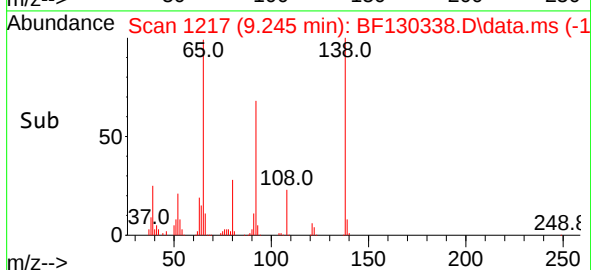
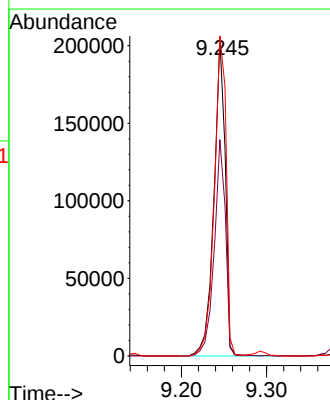
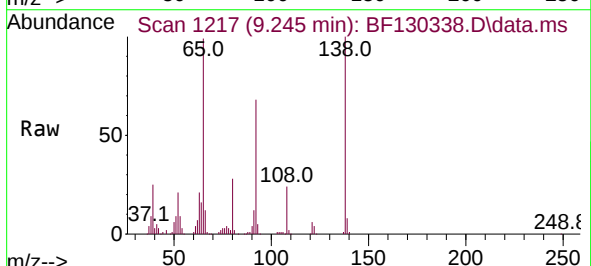
RT: 9.245 min Scan# 1217

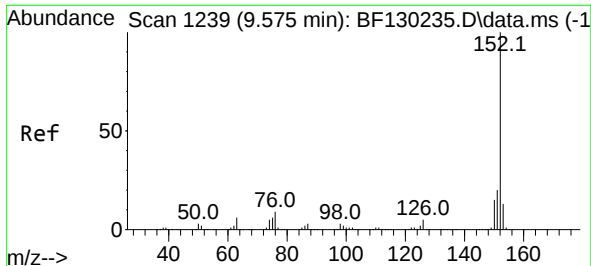
Delta R.T. -0.000 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

Tgt Ion: 65 Resp: 187380
 Ion Ratio Lower Upper
 65 100
 92 68.3 52.2 78.4
 138 101.0 77.0 115.4





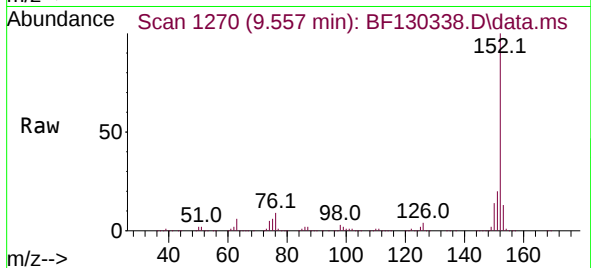
#49
Acenaphthylene
Concen: 42.789 ng
RT: 9.557 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS

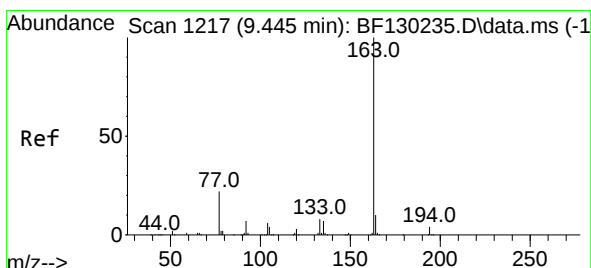
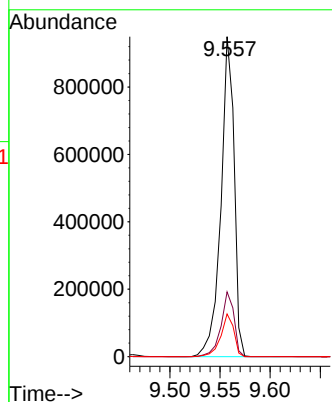
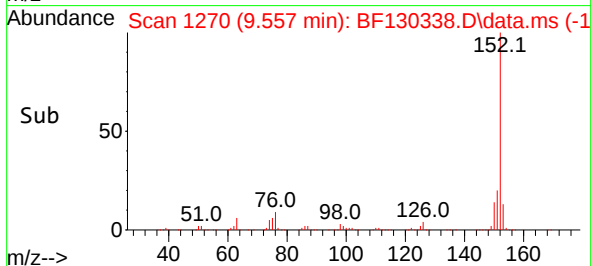


Tgt Ion:152 Resp: 875920
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.6 15.8

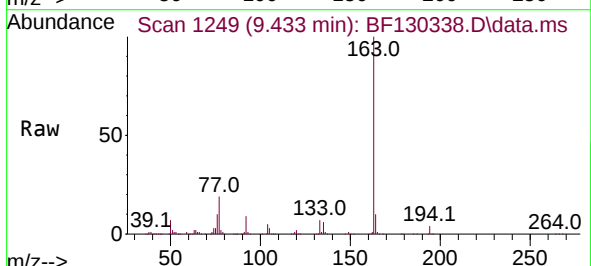
Manual Integrations

APPROVED

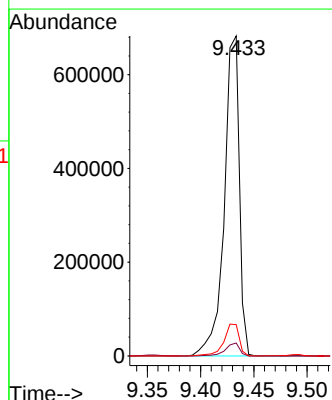
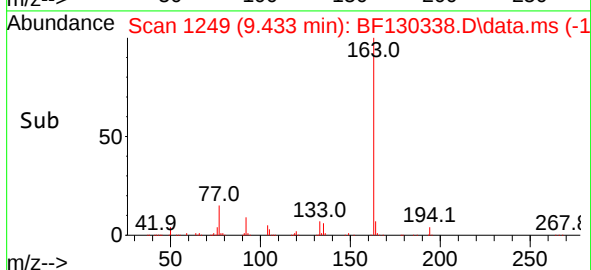
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

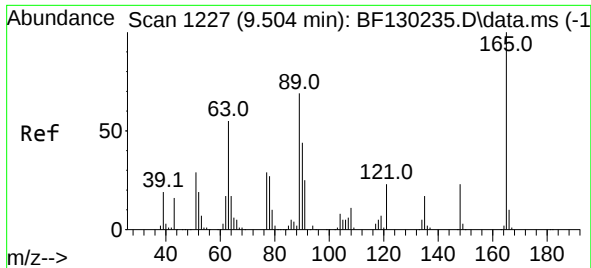


#50
Dimethylphthalate
Concen: 43.188 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:163 Resp: 674183
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.8 8.2 12.2





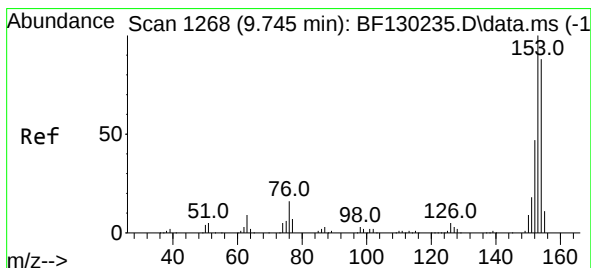
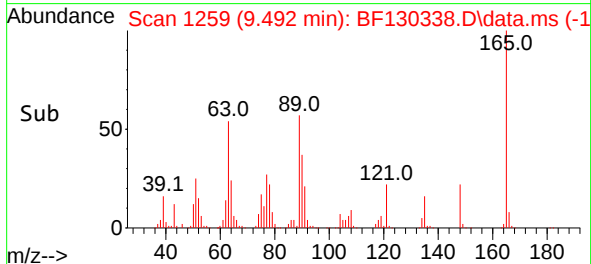
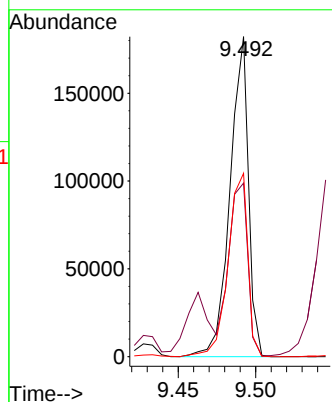
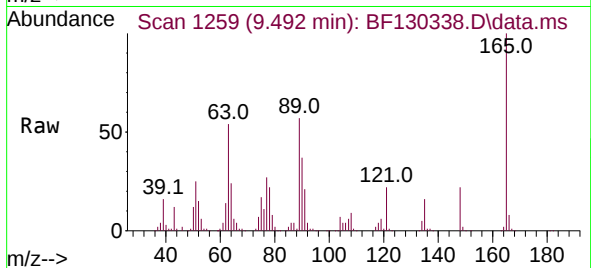
#51
2,6-Dinitrotoluene
Concen: 46.449 ng
RT: 9.492 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :
BNA_F
ClientSampleId :
PB147679BS

Tgt Ion:165 Resp: 151642
Ion Ratio Lower Upper
165 100
63 54.2 58.8 88.2
89 57.3 54.5 81.7

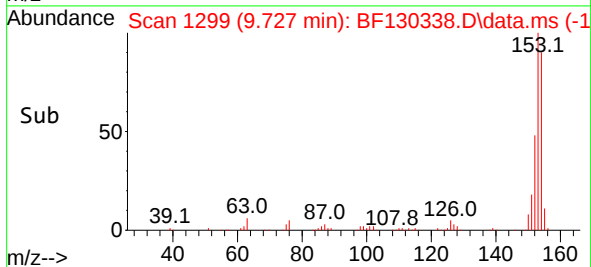
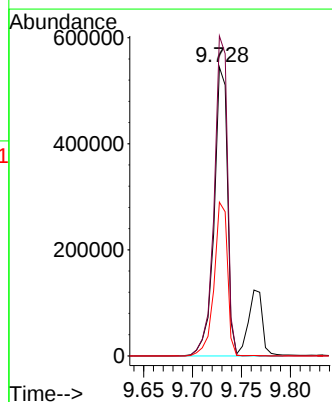
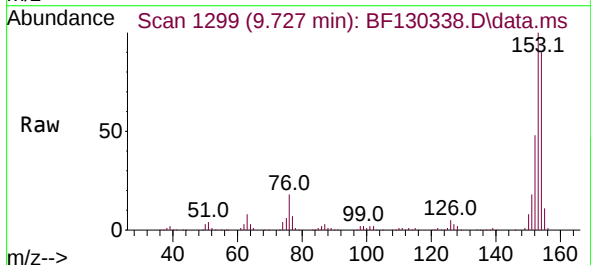
Manual Integrations
APPROVED

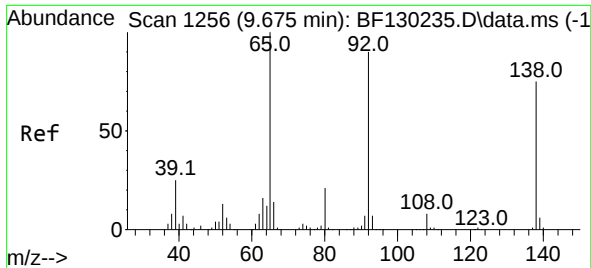
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#52
Acenaphthene
Concen: 47.774 ng m
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion:154 Resp: 642554
Ion Ratio Lower Upper
154 100
153 110.8 90.6 136.0
152 53.2 43.8 65.6





#53
3-Nitroaniline
Concen: 36.032 ng
RT: 9.657 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

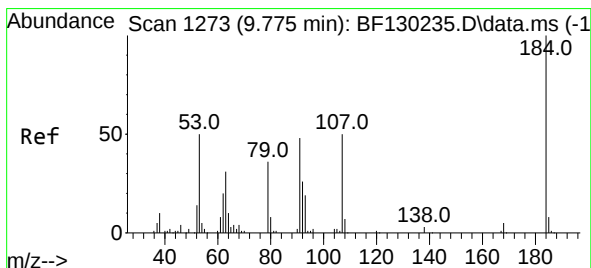
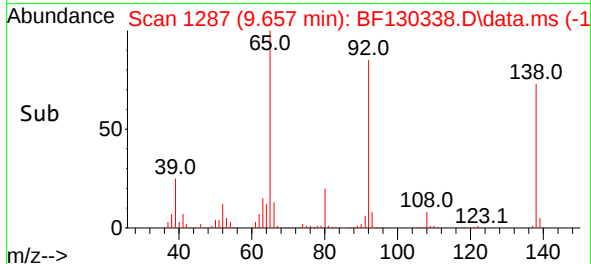
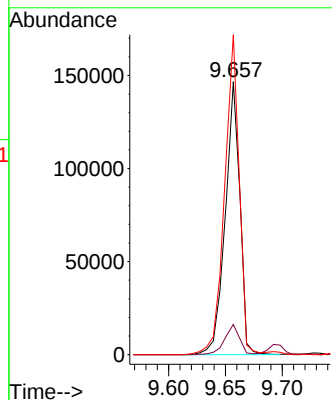
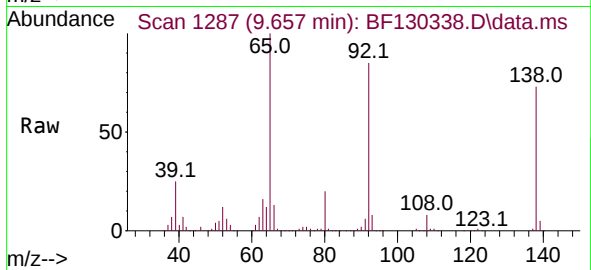
ClientSampleId :

PB147679BS

Tgt Ion:138 Resp: 131072
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 117.3 99.2 148.8

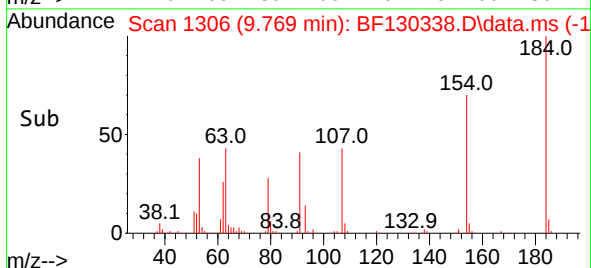
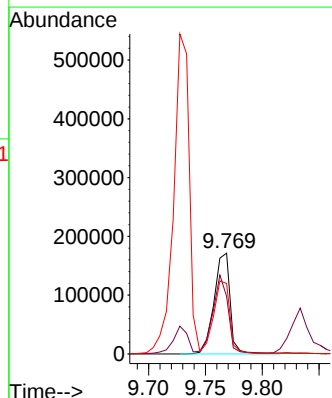
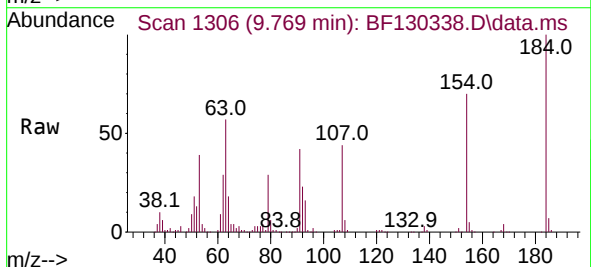
Manual Integrations
APPROVED

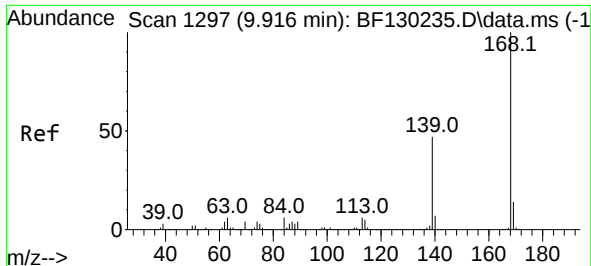
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#54
2,4-Dinitrophenol
Concen: 94.272 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.012 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

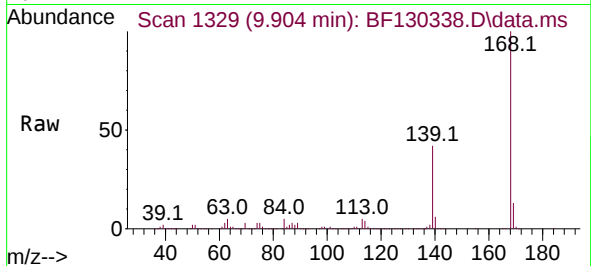
Tgt Ion:184 Resp: 169098
Ion Ratio Lower Upper
184 100
63 57.0 70.0 105.0#
154 69.9 63.0 94.6





#55
Dibenzofuran
Concen: 42.754 ng
RT: 9.904 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

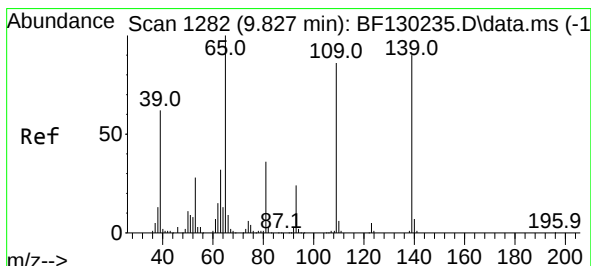
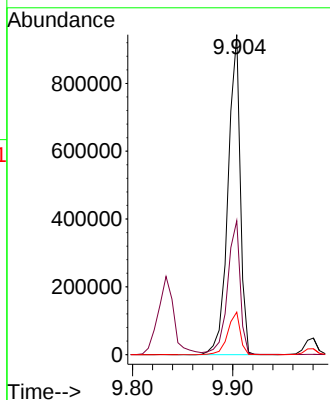
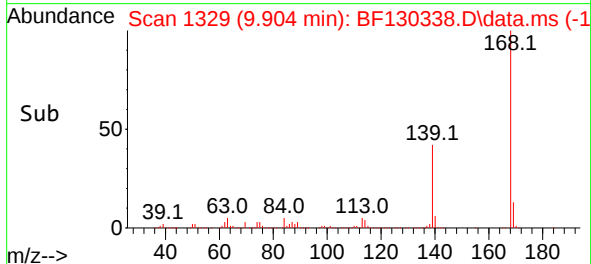
Instrument :
BNA_F
ClientSampleId :
PB147679BS



Tgt Ion:168 Resp: 799844
Ion Ratio Lower Upper
168 100
139 41.8 35.0 52.4
169 13.3 10.9 16.3

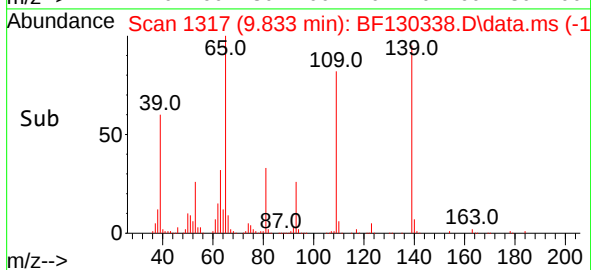
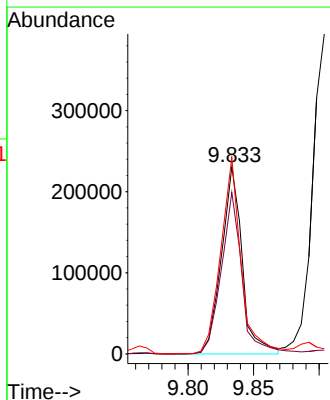
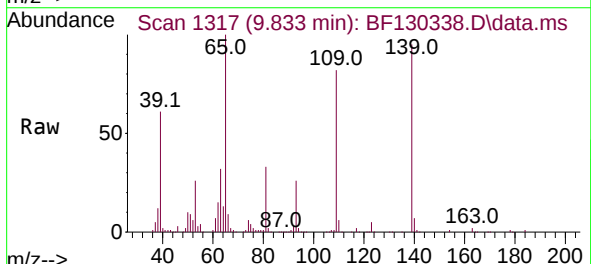
Manual Integrations
APPROVED

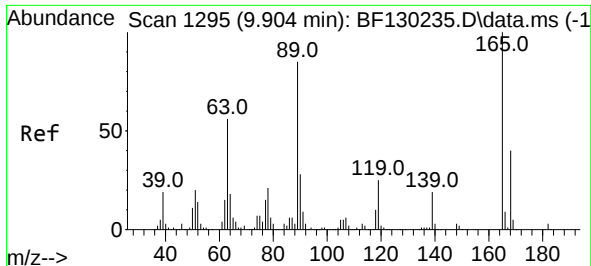
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#56
4-Nitrophenol
Concen: 95.737 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.018 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion:139 Resp: 253665
Ion Ratio Lower Upper
139 100
109 86.4 72.2 112.2
65 105.1 97.7 137.7





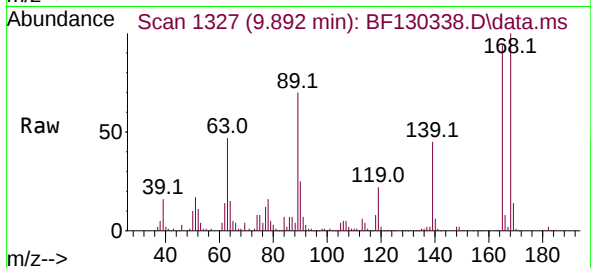
#57
2,4-Dinitrotoluene
Concen: 48.514 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS

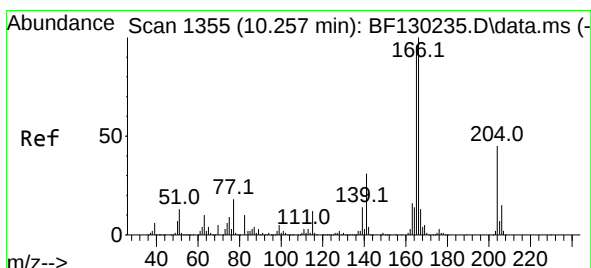
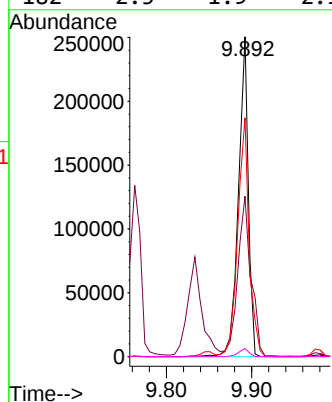
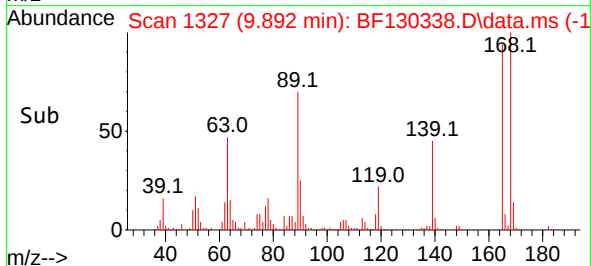


Tgt Ion:165 Resp: 202417
Ion Ratio Lower Upper
165 100
63 50.1 44.7 67.1
89 74.6 69.0 103.4
182 2.5 1.9 2.9

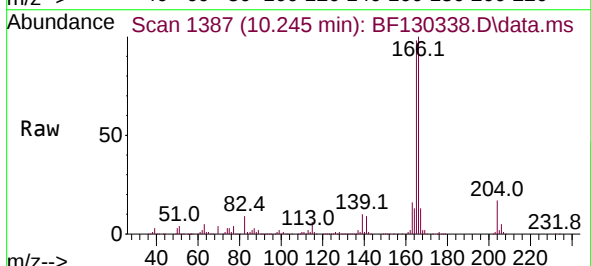
Manual Integrations

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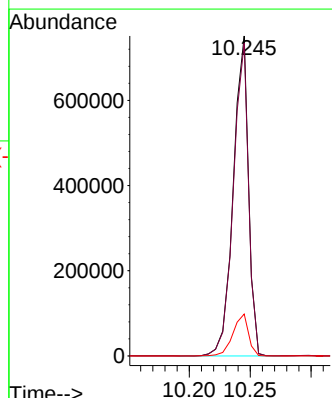
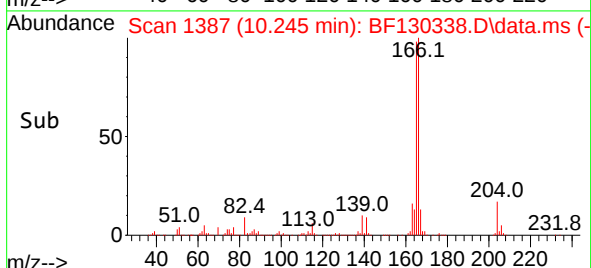
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

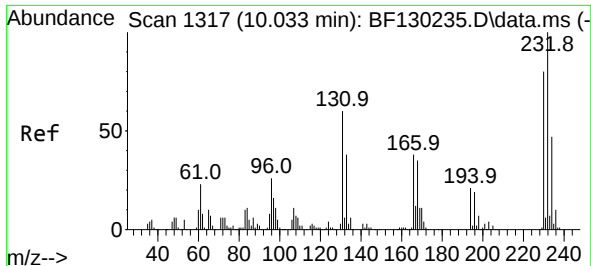


#58
Fluorene
Concen: 42.727 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:166 Resp: 653708
Ion Ratio Lower Upper
166 100
165 97.7 78.8 118.2
167 13.1 10.6 15.8





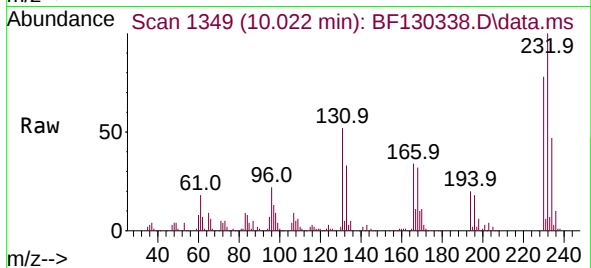
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.035 ng
RT: 10.022 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS

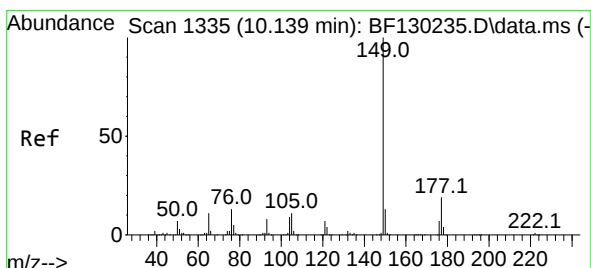
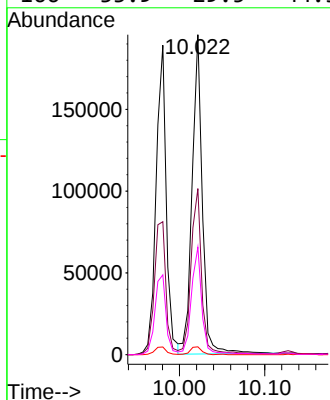
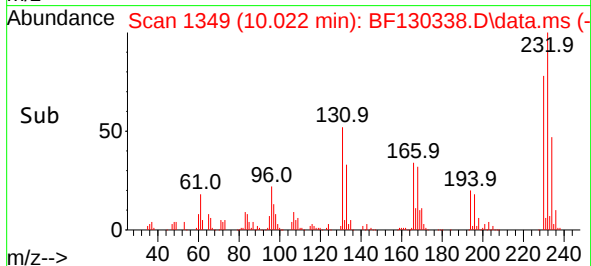


Tgt Ion:232 Resp: 163724
Ion Ratio Lower Upper
232 100
131 53.3 46.4 69.6
130 2.7 2.3 3.5
166 33.9 29.5 44.3

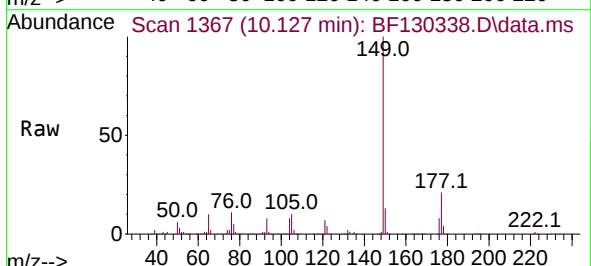
Manual Integrations

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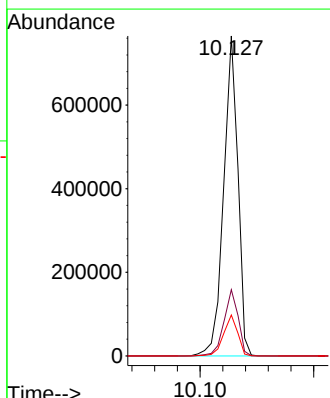
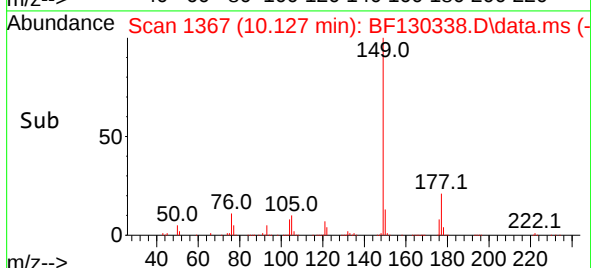
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

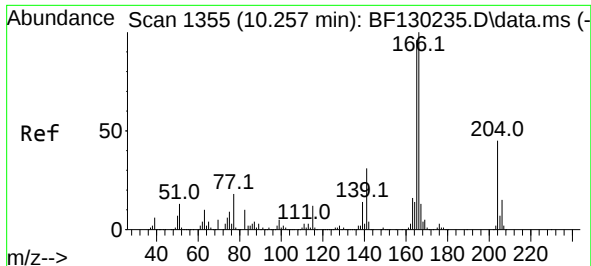


#60
Diethylphthalate
Concen: 42.446 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:149 Resp: 664452
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.454 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

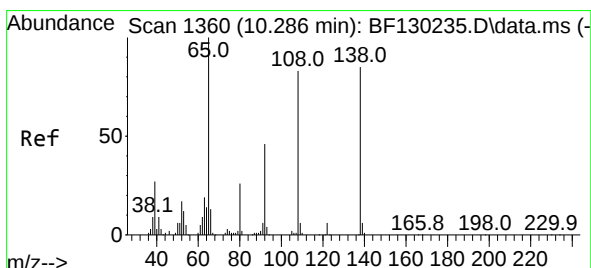
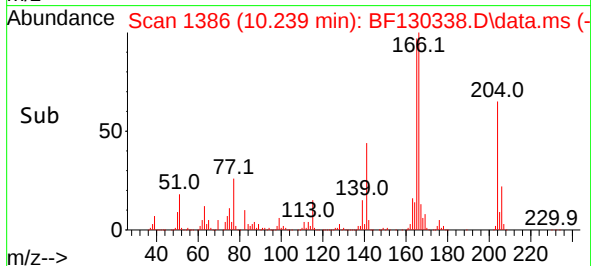
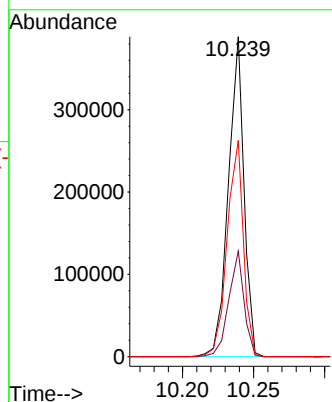
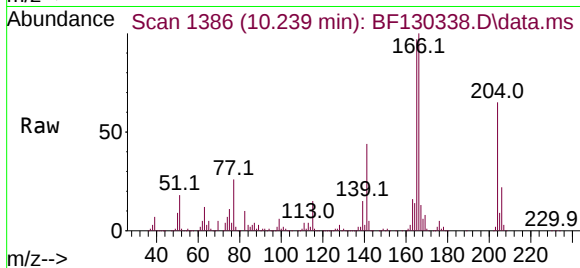
PB147679BS

Tgt Ion:204 Resp: 298358
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 67.5 57.1 85.7

Manual Integrations

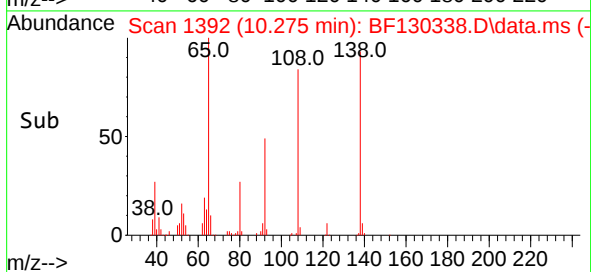
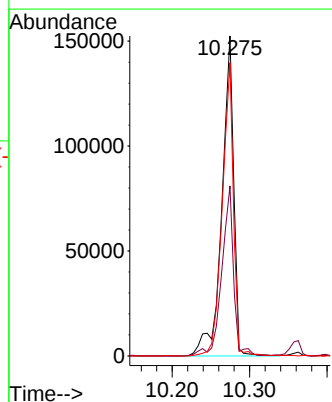
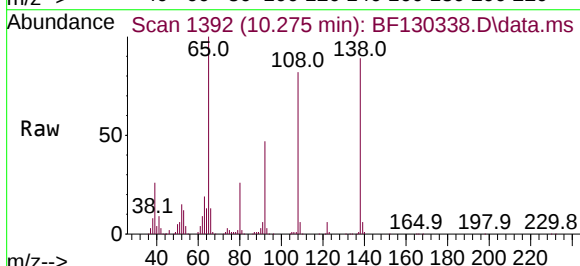
APPROVED

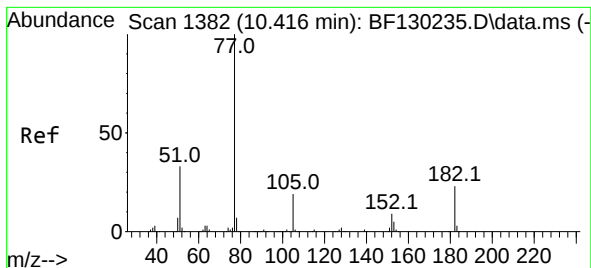
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#62
4-Nitroaniline
Concen: 44.682 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion:138 Resp: 163290
Ion Ratio Lower Upper
138 100
92 53.1 36.7 76.7
108 91.6 78.2 118.2





#63

Azobenzene

Concen: 38.609 ng

RT: 10.398 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF130338.D

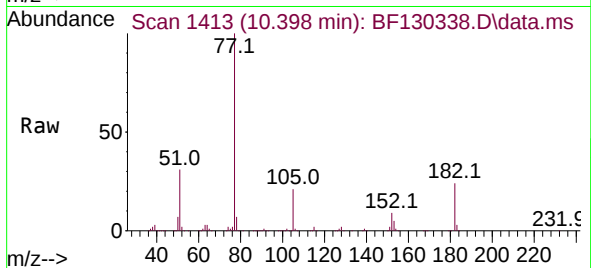
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS



Tgt Ion: 77 Resp: 622352

Ion Ratio Lower Upper

77 100

182 24.2 2.1 42.1

105 20.6 0.0 39.4

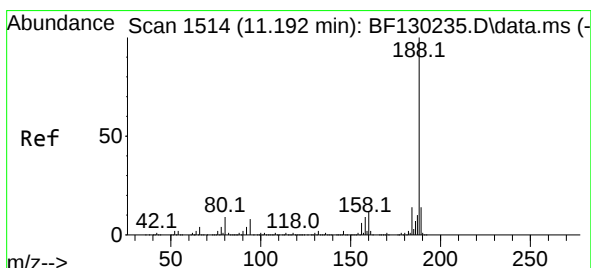
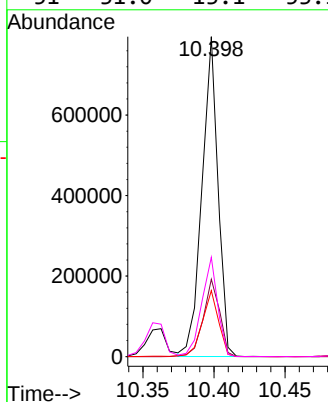
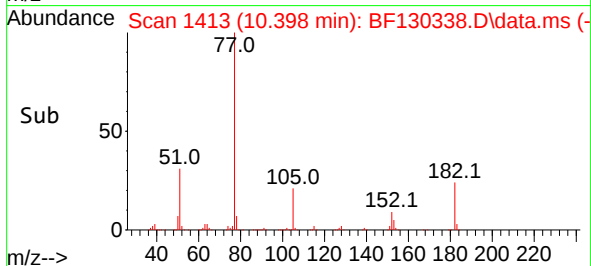
51 31.0 13.1 53.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022

Supervised By :Jagrut Upadhyay 09/21/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.174 min Scan# 1545

Delta R.T. -0.000 min

Lab File: BF130338.D

Acq: 20 Sep 2022 11:40

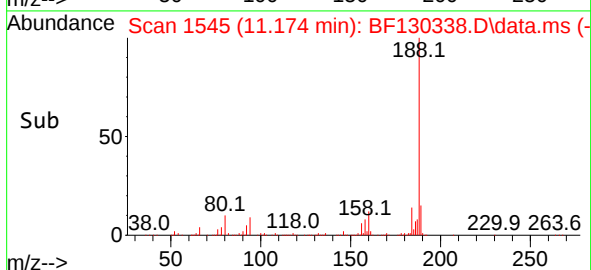
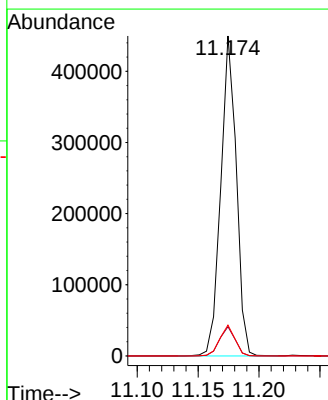
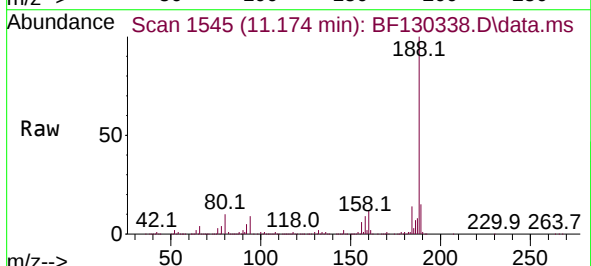
Tgt Ion:188 Resp: 398199

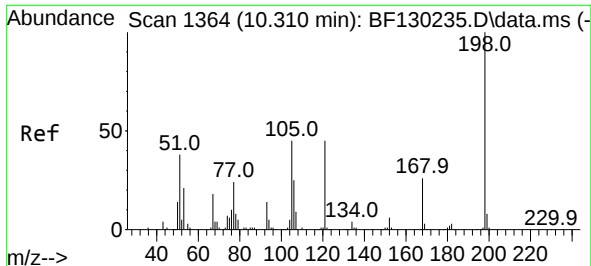
Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

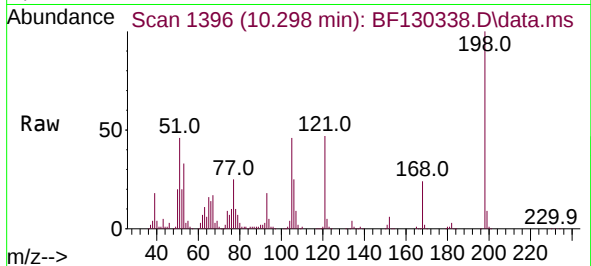
80 9.6 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 47.007 ng
RT: 10.298 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

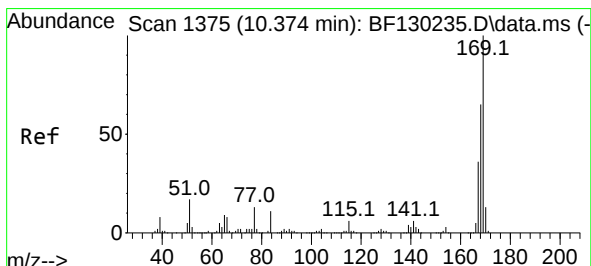
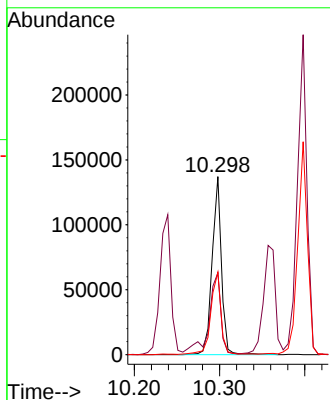
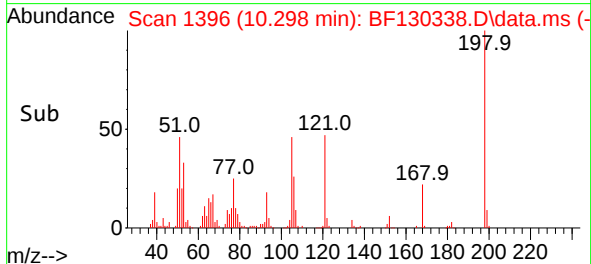
Instrument :
BNA_F
ClientSampleId :
PB147679BS



Tgt Ion:198 Resp: 104197
Ion Ratio Lower Upper
198 100
51 46.0 36.9 76.9
105 46.3 33.0 73.0

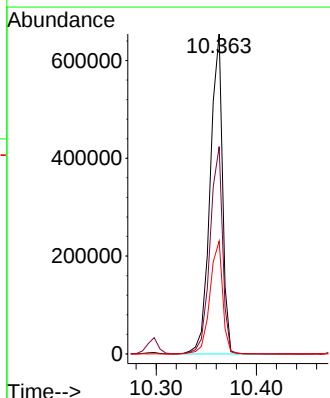
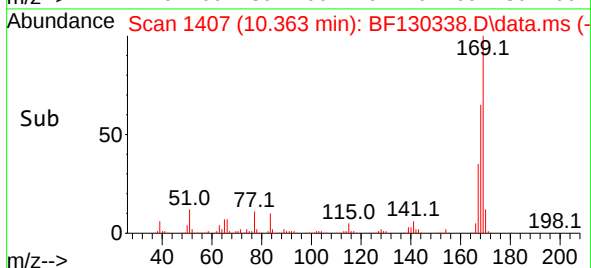
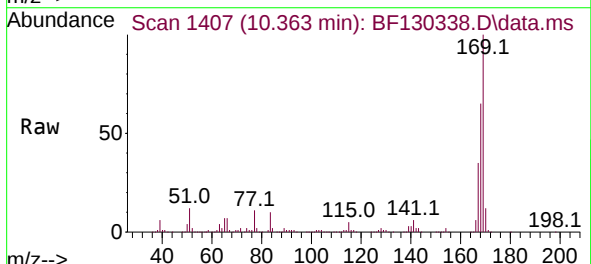
Manual Integrations
APPROVED

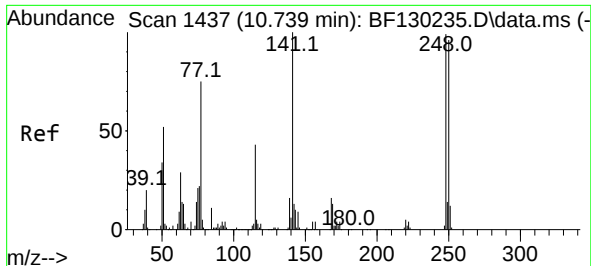
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#66
n-Nitrosodiphenylamine
Concen: 41.985 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion:169 Resp: 558682
Ion Ratio Lower Upper
169 100
168 64.8 53.2 79.8
167 35.2 29.2 43.8





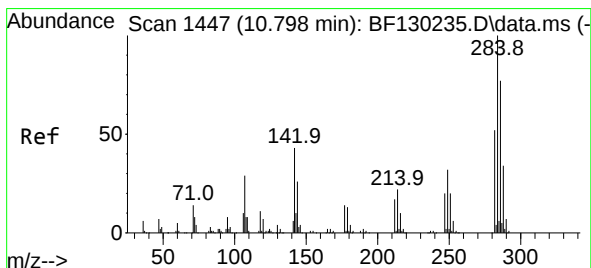
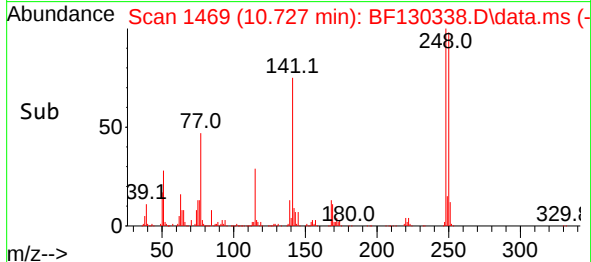
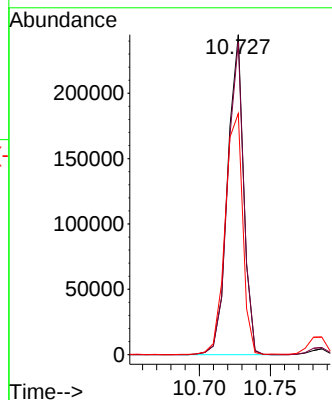
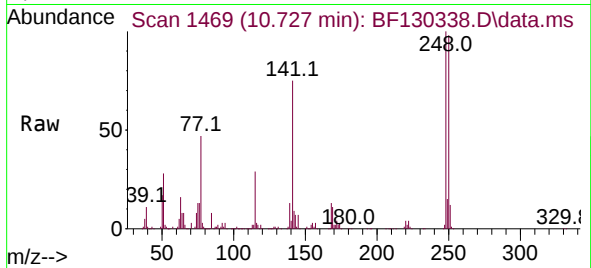
#67
4-Bromophenyl-phenylether
Concen: 43.683 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :
BNA_F
ClientSampleId :
PB147679BS

Tgt Ion:248 Resp: 19188
Ion Ratio Lower Upper
248 100
250 97.6 80.0 120.0
141 75.3 68.5 102.7

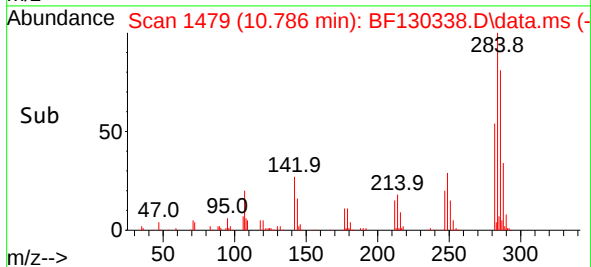
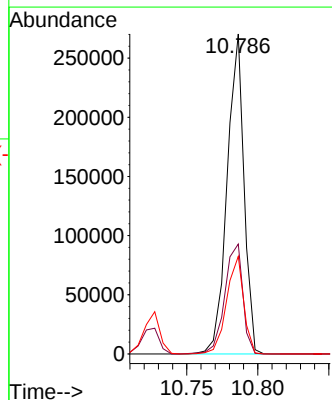
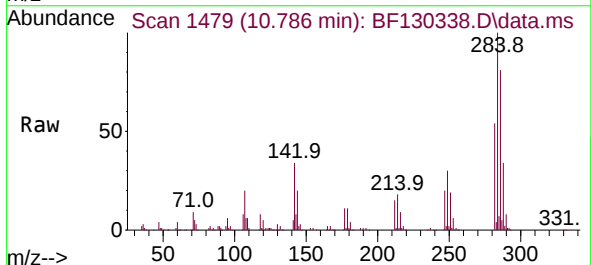
Manual Integrations
APPROVED

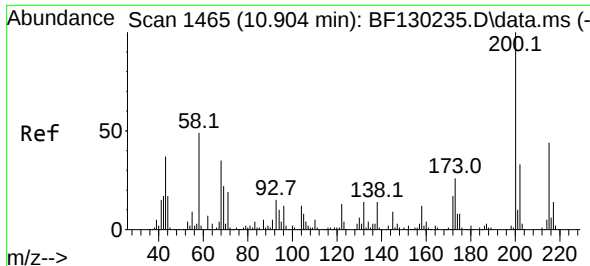
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#68
Hexachlorobenzene
Concen: 44.906 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

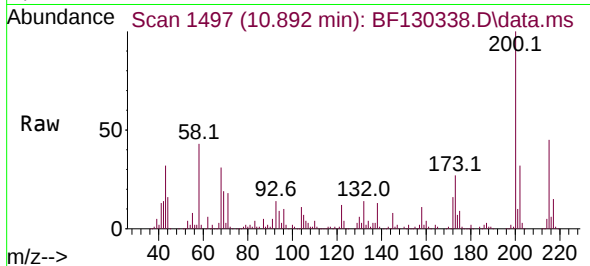
Tgt Ion:284 Resp: 223608
Ion Ratio Lower Upper
284 100
142 34.3 27.2 40.8
249 30.5 23.8 35.8





#69
Atrazine
Concen: 46.891 ng
RT: 10.892 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

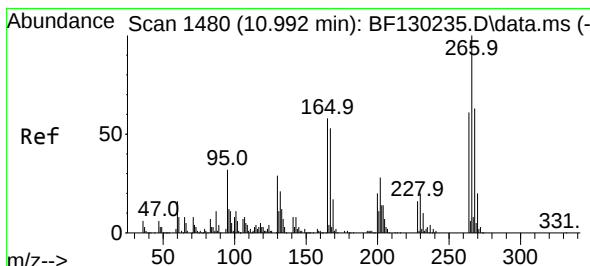
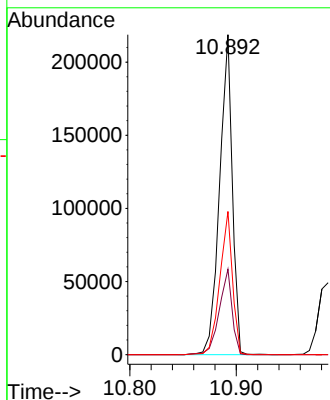
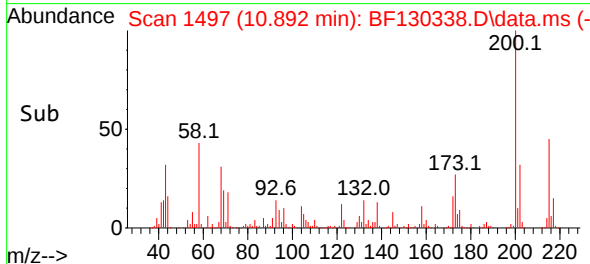
Instrument :
BNA_F
ClientSampleId :
PB147679BS



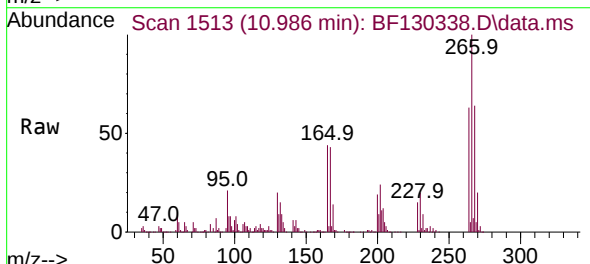
Tgt Ion:200 Resp: 182343
Ion Ratio Lower Upper
200 100
173 26.7 6.2 46.2
215 44.7 22.5 62.5

Manual Integrations
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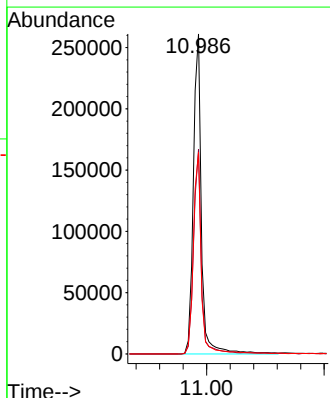
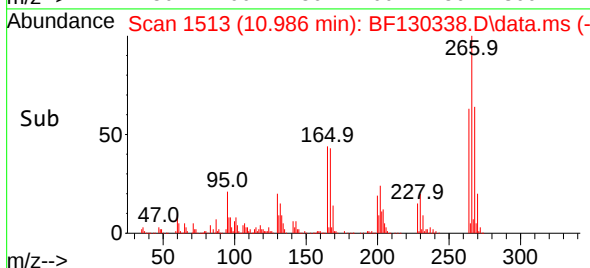
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

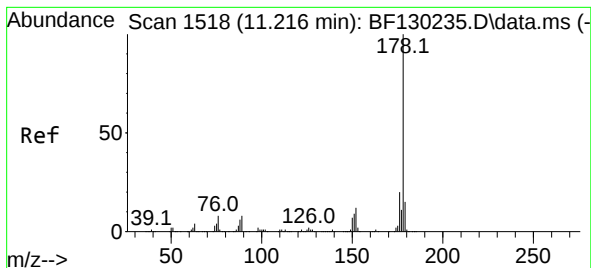


#70
Pentachlorophenol
Concen: 93.008 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.012 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:266 Resp: 248558
Ion Ratio Lower Upper
266 100
268 63.9 50.5 75.7
264 62.9 50.5 75.7





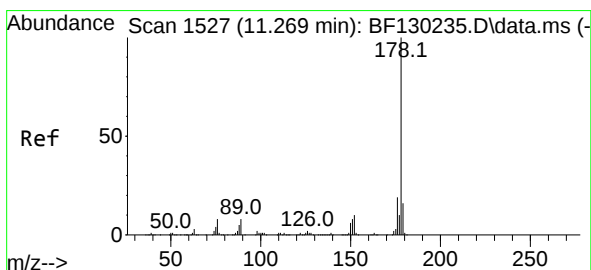
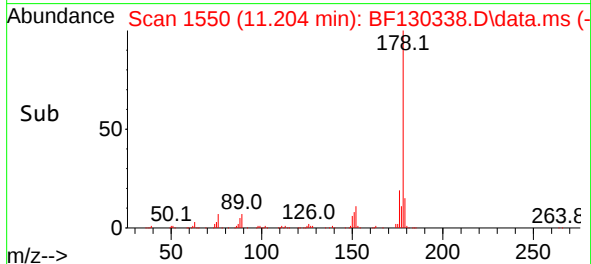
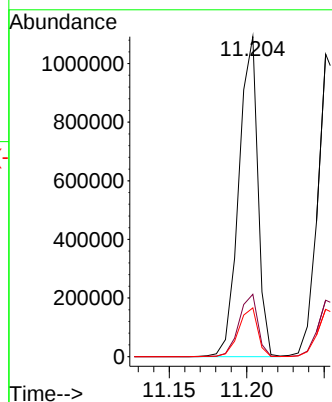
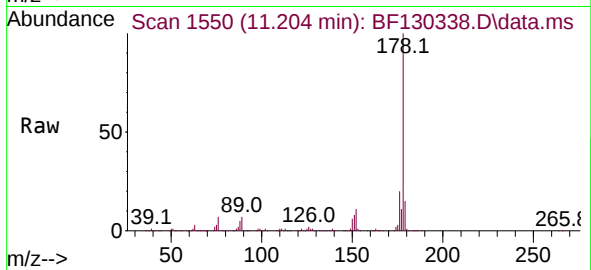
#71
Phenanthrene
Concen: 41.661 ng
RT: 11.204 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :
BNA_F
ClientSampleId :
PB147679BS

Tgt Ion:178 Resp: 931394
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.2 12.4 18.6

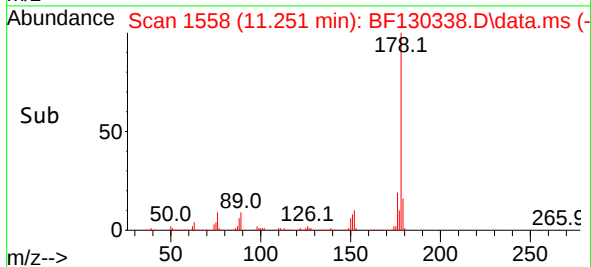
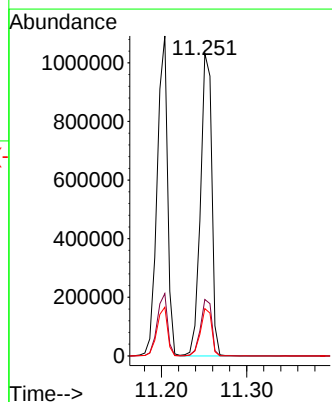
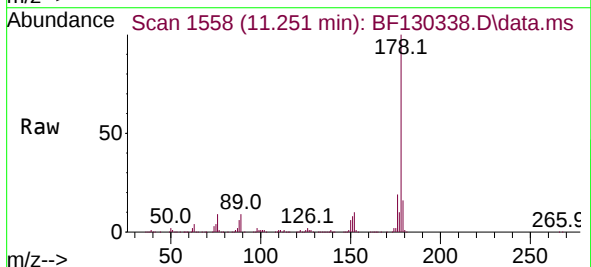
Manual Integrations
APPROVED

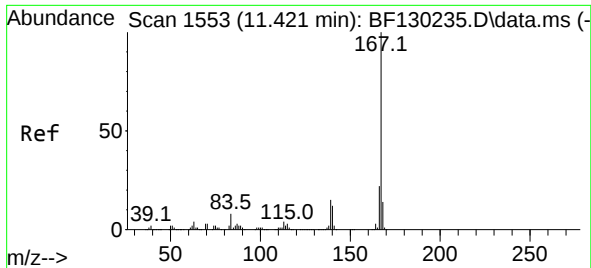
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#72
Anthracene
Concen: 43.835 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

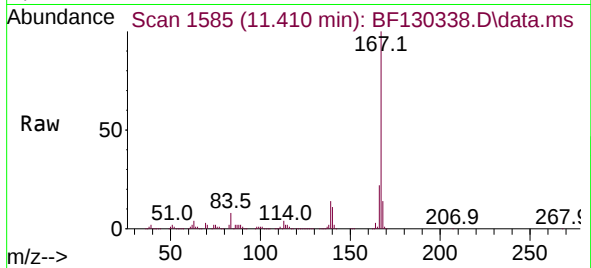
Tgt Ion:178 Resp: 945714
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.7 19.1





#73
Carbazole
Concen: 44.357 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

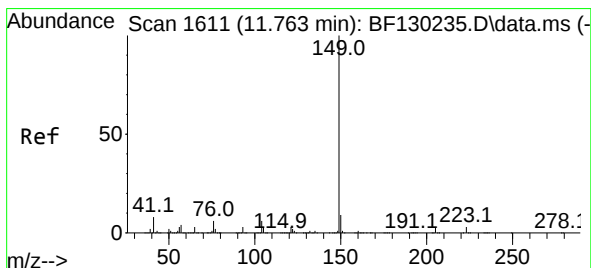
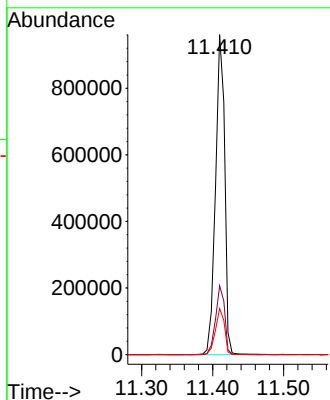
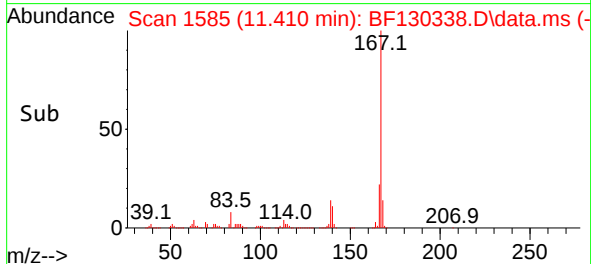
Instrument :
BNA_F
ClientSampleId :
PB147679BS



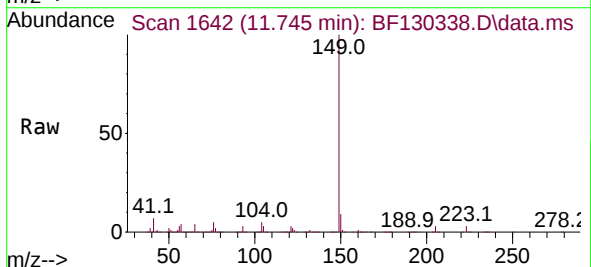
Tgt Ion:167 Resp: 863662
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.2
139 14.4 11.6 17.4

Manual Integrations
APPROVED

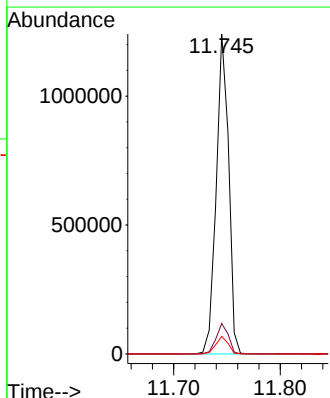
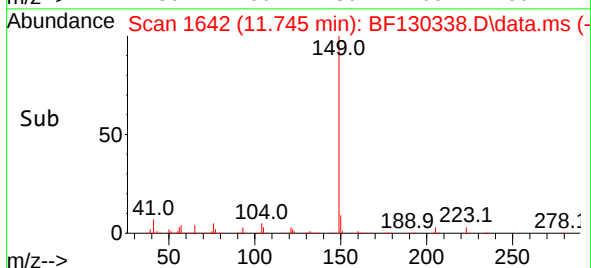
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

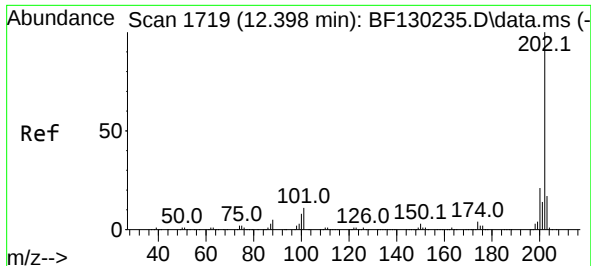


#74
Di-n-butylphthalate
Concen: 42.853 ng
RT: 11.745 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



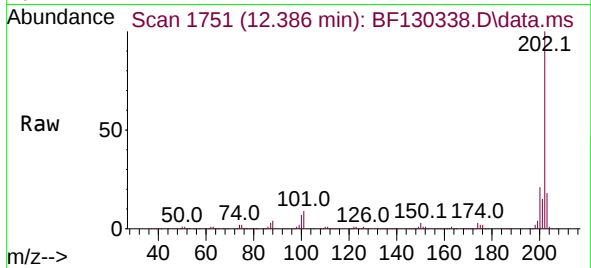
Tgt Ion:149 Resp: 1006158
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 43.853 ng
RT: 12.386 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

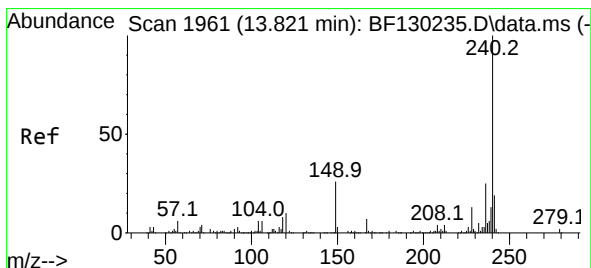
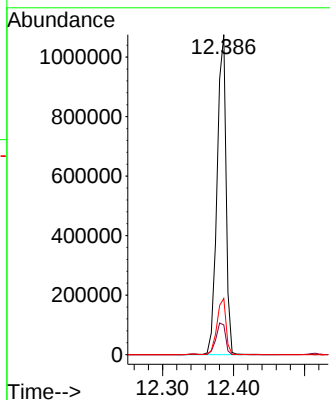
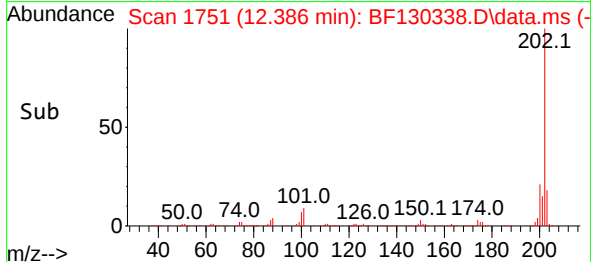
Instrument :
BNA_F
ClientSampleId :
PB147679BS



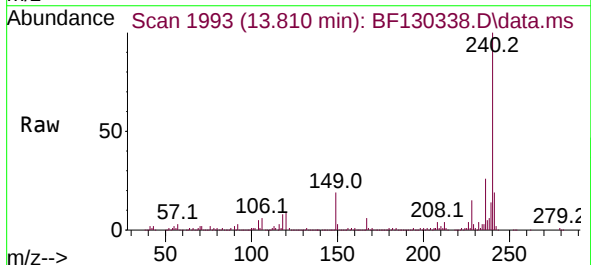
Tgt Ion:202 Resp: 947361
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.8
203 17.6 0.0 37.8

Manual Integrations
APPROVED

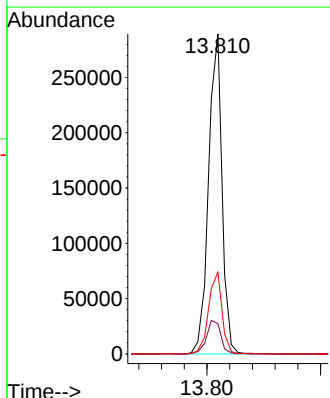
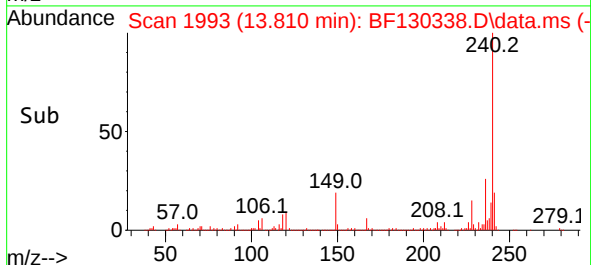
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

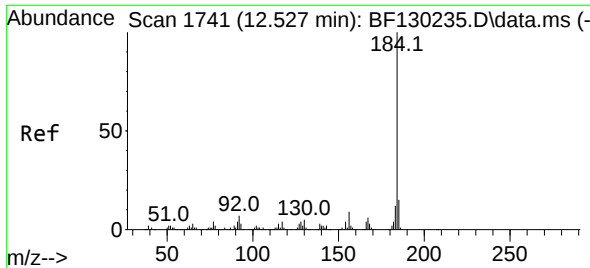


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



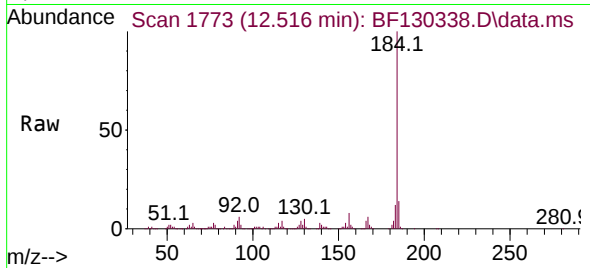
Tgt Ion:240 Resp: 238904
Ion Ratio Lower Upper
240 100
120 9.5 8.7 13.1
236 25.6 20.9 31.3





#77
Benzidine
Concen: 71.812 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

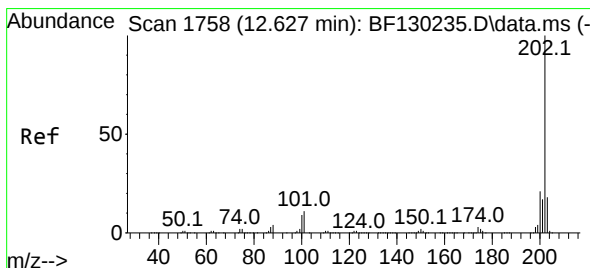
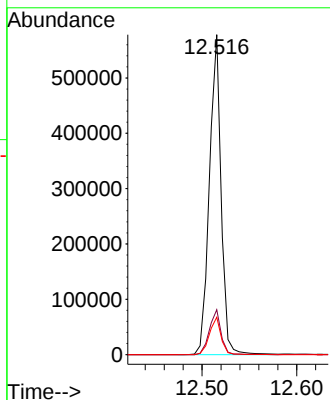
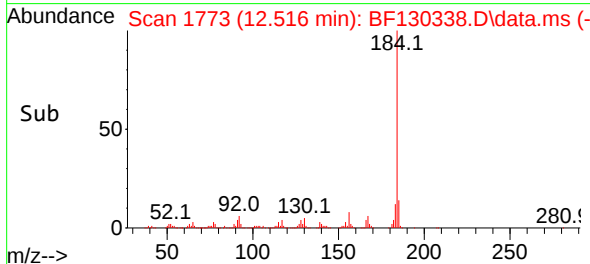
Instrument :
BNA_F
ClientSampleId :
PB147679BS



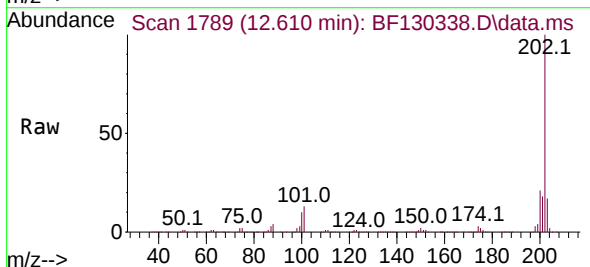
Tgt Ion:184 Resp: 498031
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 11.7 9.1 13.7

Manual Integrations
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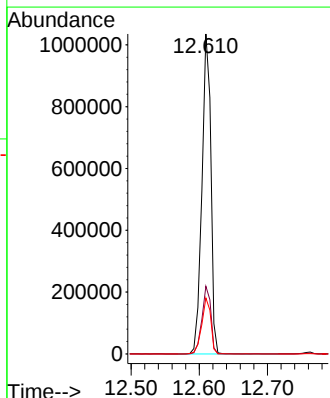
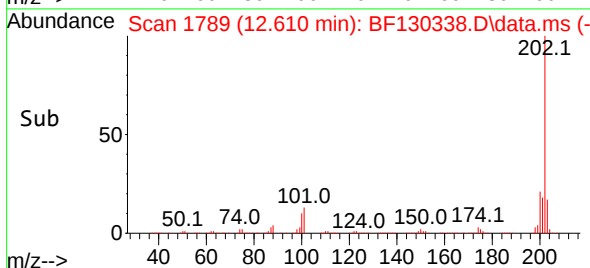
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

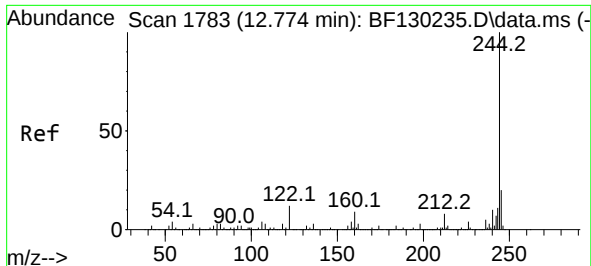


#78
Pyrene
Concen: 45.129 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:202 Resp: 943168
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.5 14.3 21.5





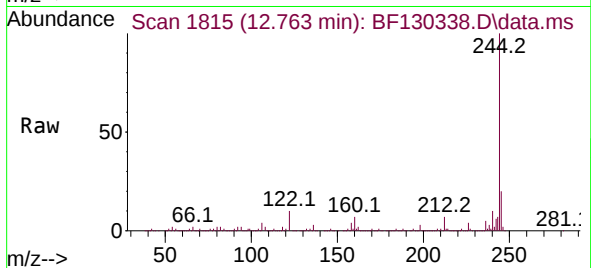
#79
 Terphenyl-d14
 Concen: 94.757 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF130338.D
 Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS

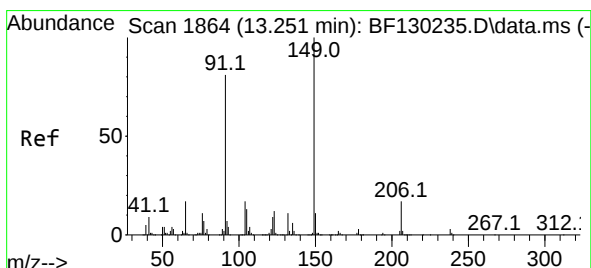
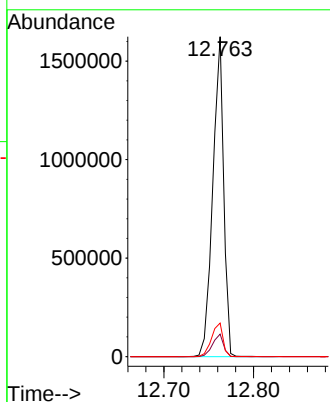
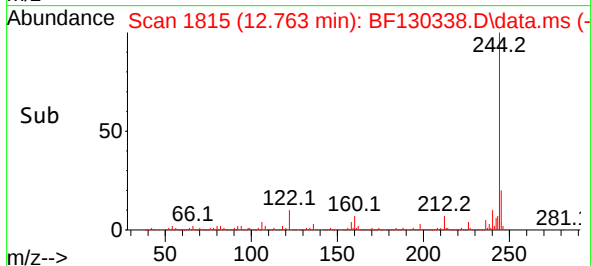


Tgt Ion:244 Resp: 1366615
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.5 8.5 12.7

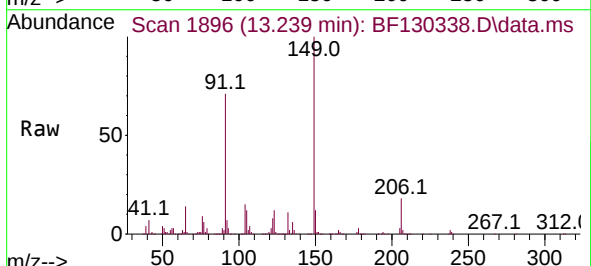
Manual Integrations

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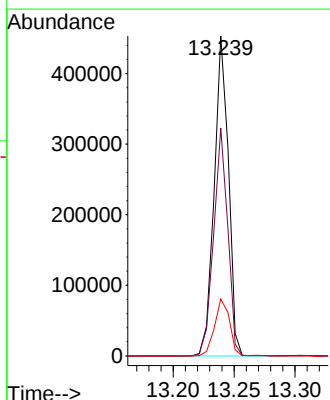
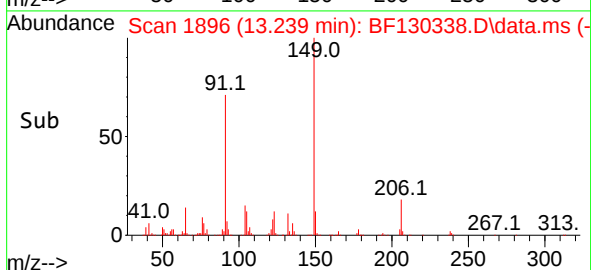
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022

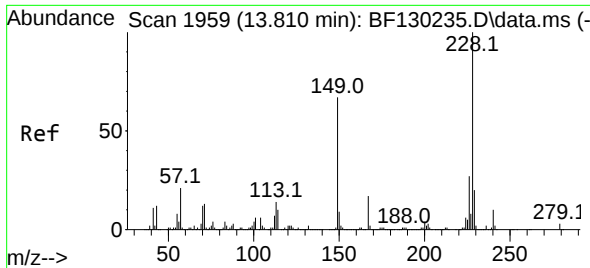


#80
 Butylbenzylphthalate
 Concen: 47.497 ng
 RT: 13.239 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: BF130338.D
 Acq: 20 Sep 2022 11:40



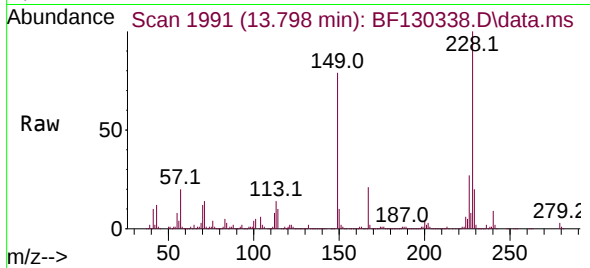
Tgt Ion:149 Resp: 367744
 Ion Ratio Lower Upper
 149 100
 91 71.2 59.8 89.8
 206 17.8 13.9 20.9





#81
Benzo(a)anthracene
Concen: 43.531 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

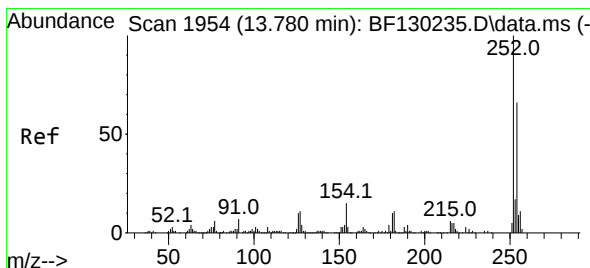
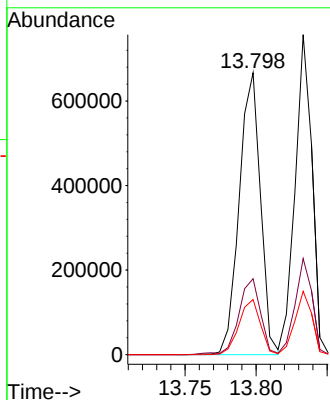
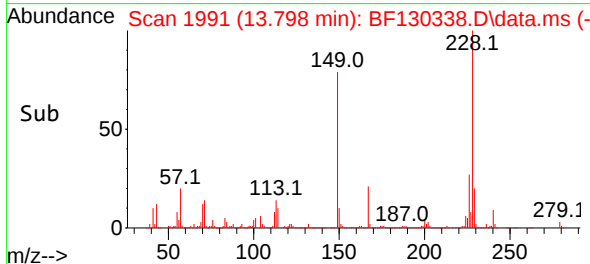
Instrument :
BNA_F
ClientSampleId :
PB147679BS



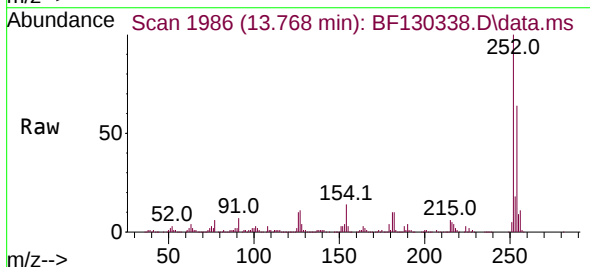
Tgt Ion:228 Resp: 691844
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.5 16.1 24.1

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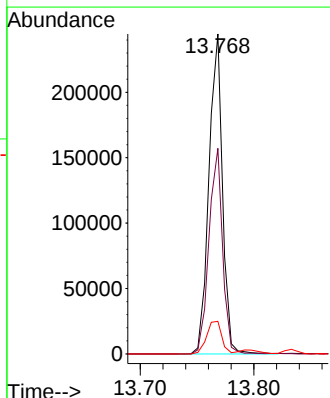
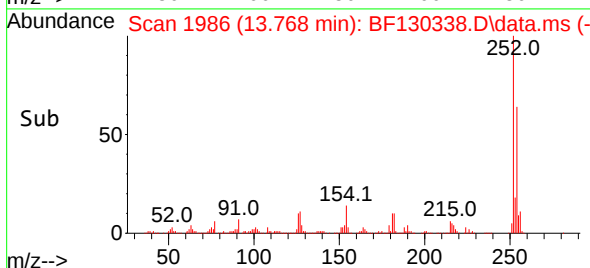
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

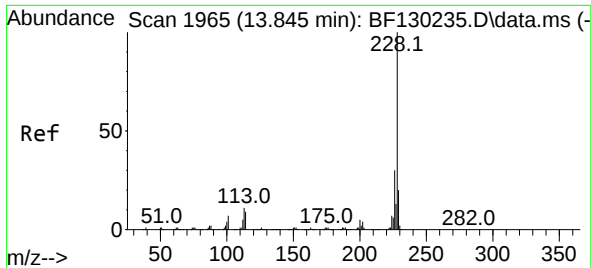


#82
3,3'-Dichlorobenzidine
Concen: 46.975 ng
RT: 13.768 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



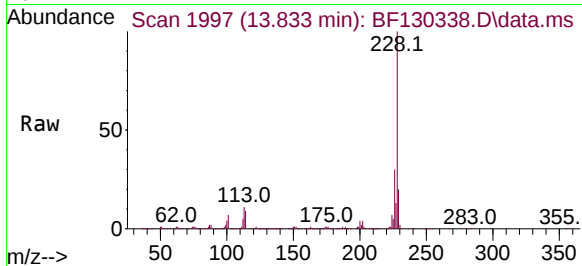
Tgt Ion:252 Resp: 203224
Ion Ratio Lower Upper
252 100
254 64.2 51.1 76.7
126 10.2 10.4 15.6#





#83
Chrysene
Concen: 41.627 ng
RT: 13.833 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

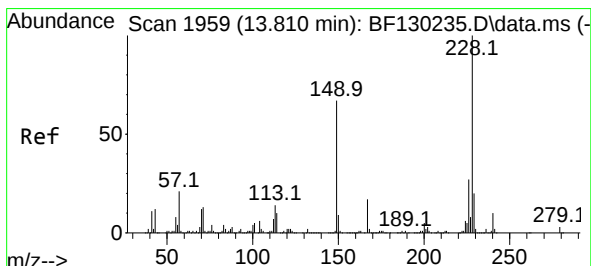
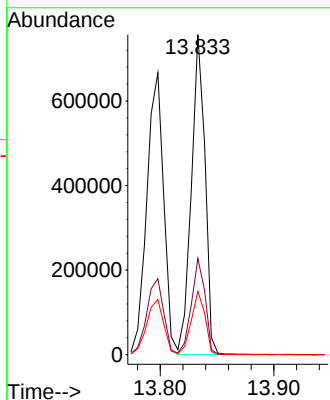
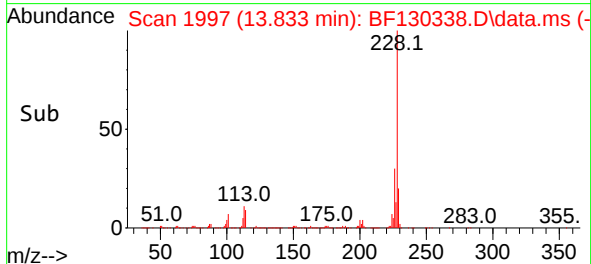
Instrument :
BNA_F
ClientSampleId :
PB147679BS



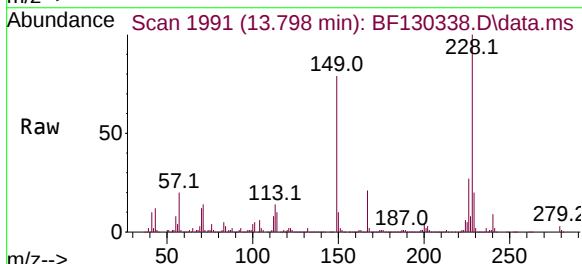
Tgt Ion:228 Resp: 628176
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.8 15.3 22.9

Manual Integrations
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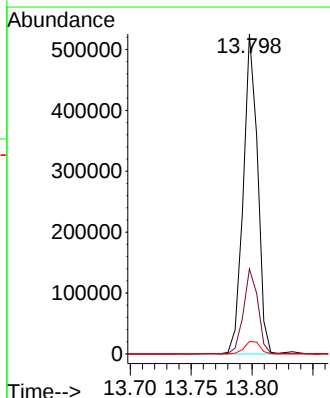
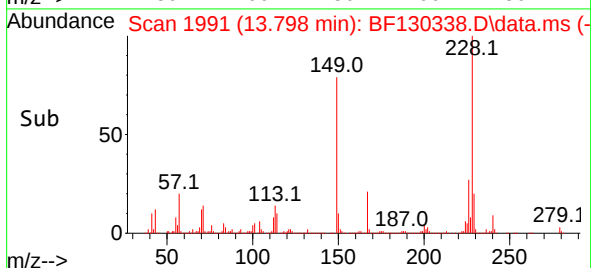
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

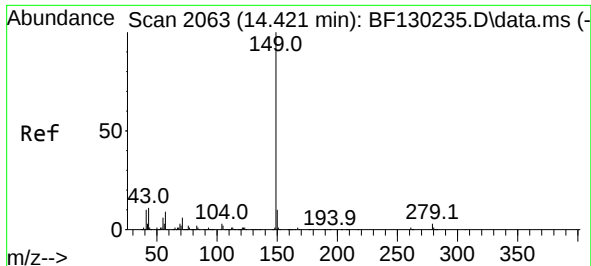


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.485 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



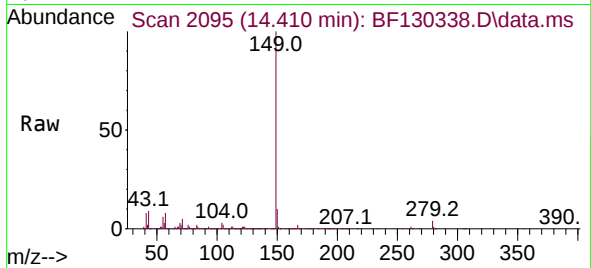
Tgt Ion:149 Resp: 429989
Ion Ratio Lower Upper
149 100
167 26.5 20.5 30.7
279 3.9 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 42.988 ng
RT: 14.410 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

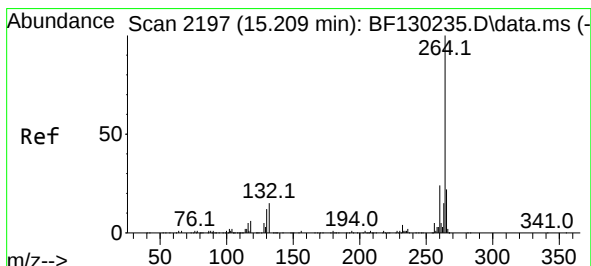
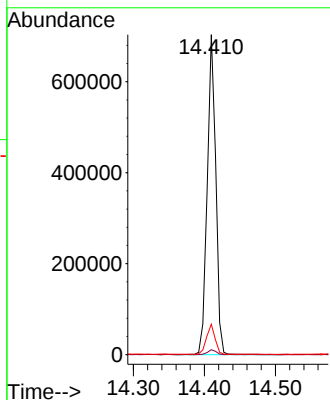
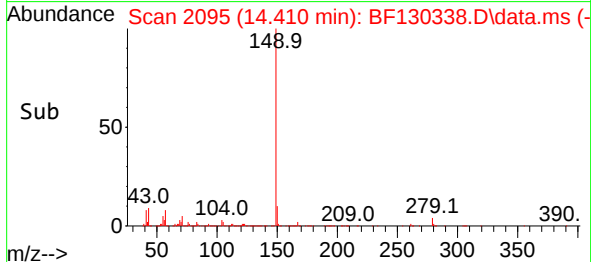
Instrument :
BNA_F
ClientSampleId :
PB147679BS



Tgt Ion:149 Resp: 583100
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.3 8.7 13.1

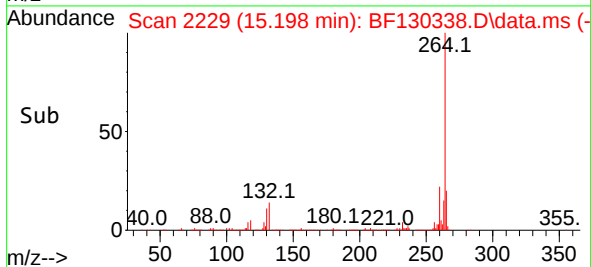
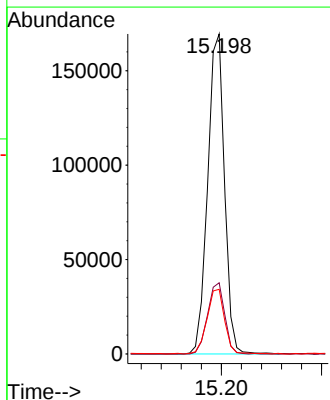
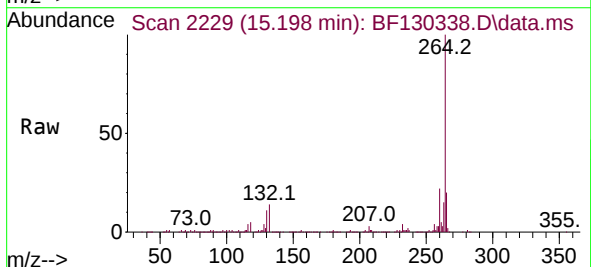
Manual Integrations
APPROVED

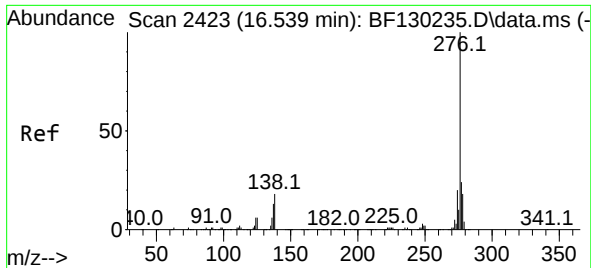
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.012 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

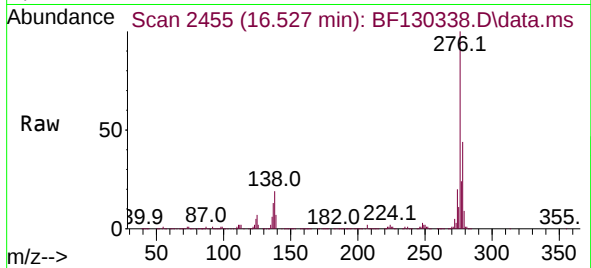
Tgt Ion:264 Resp: 196714
Ion Ratio Lower Upper
264 100
260 22.2 19.3 28.9
265 20.2 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.573 ng
 RT: 16.527 min Scan# 2423
 Delta R.T. 0.018 min
 Lab File: BF130338.D
 Acq: 20 Sep 2022 11:40

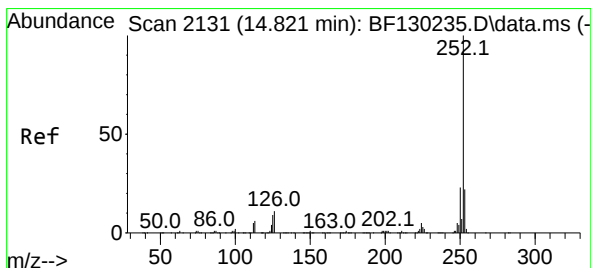
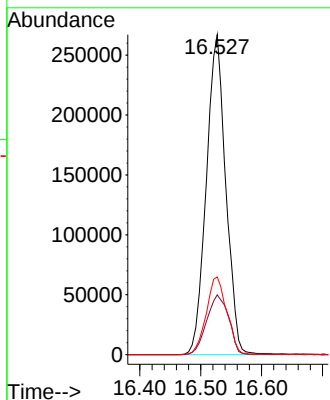
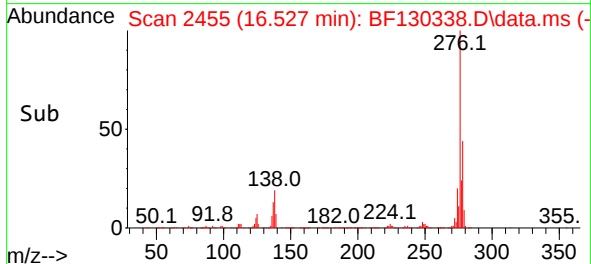
Instrument :
 BNA_F
 ClientSampleId :
 PB147679BS



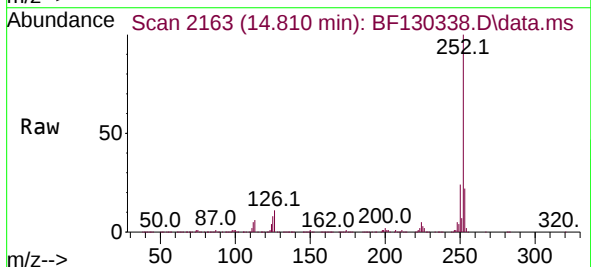
Tgt Ion: 276 Resp: 593878
 Ion Ratio Lower Upper
 276 100
 138 21.2 18.5 27.7
 277 25.5 20.2 30.4

Manual Integrations
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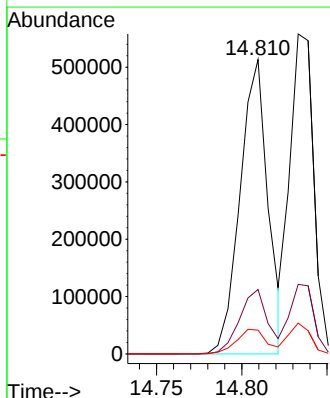
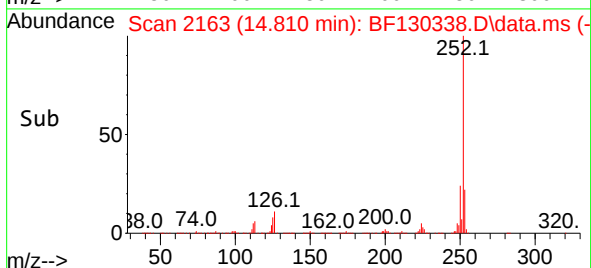
Reviewed By : Christian Giraldo 09/21/2022
 Supervised By : Jagrut Upadhyay 09/21/2022

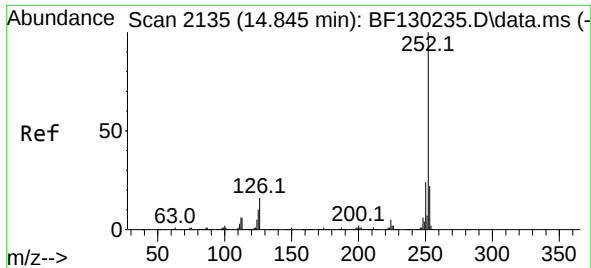


#88
 Benzo(b)fluoranthene
 Concen: 45.585 ng
 RT: 14.810 min Scan# 2163
 Delta R.T. 0.012 min
 Lab File: BF130338.D
 Acq: 20 Sep 2022 11:40



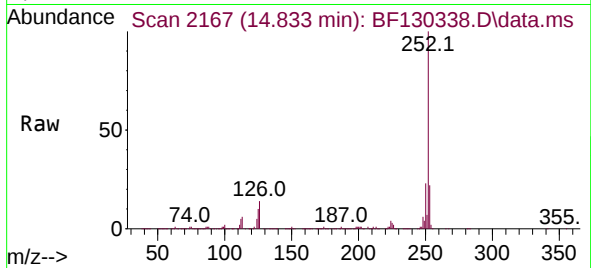
Tgt Ion: 252 Resp: 585288
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 8.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 43.286 ng
RT: 14.833 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

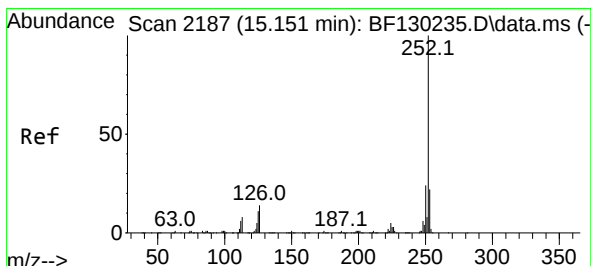
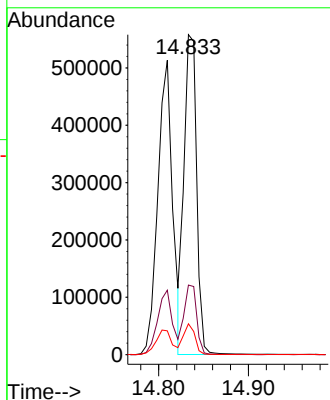
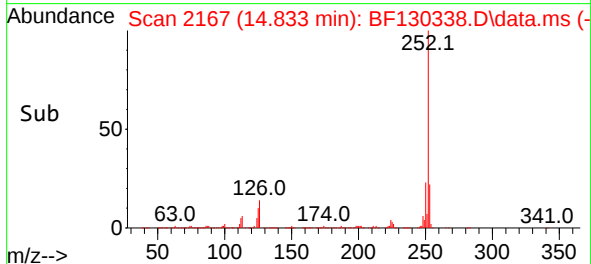
Instrument :
BNA_F
ClientSampleId :
PB147679BS



Tgt Ion:252 Resp: 546703
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.6 7.9 11.9

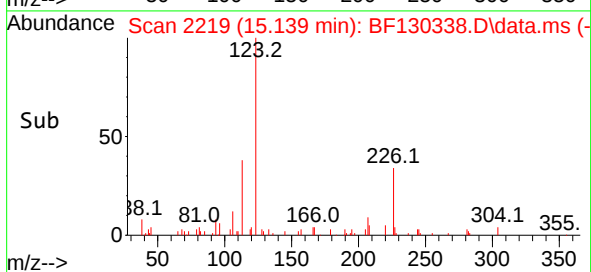
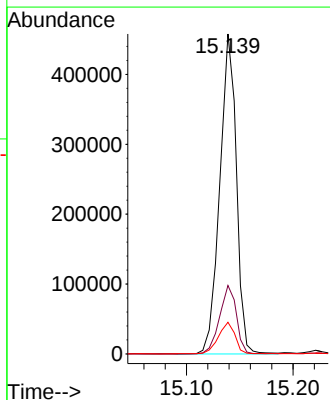
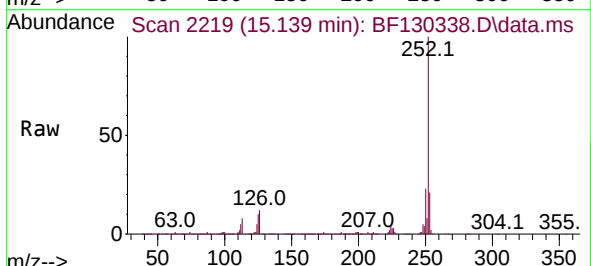
Manual Integrations
APPROVED

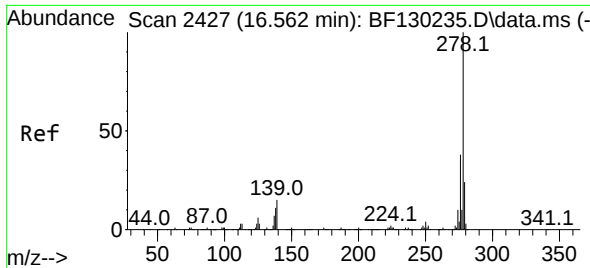
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#90
Benzo(a)pyrene
Concen: 48.809 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Tgt Ion:252 Resp: 496479
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 9.9 9.0 13.6





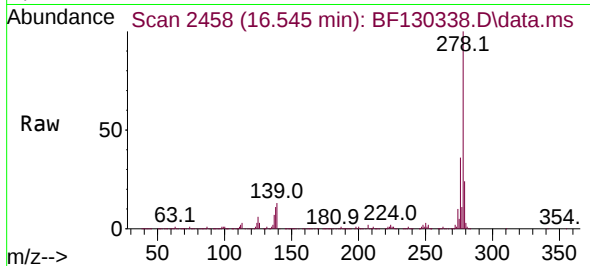
#91
Dibenzo(a,h)anthracene
Concen: 45.309 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.018 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB147679BS

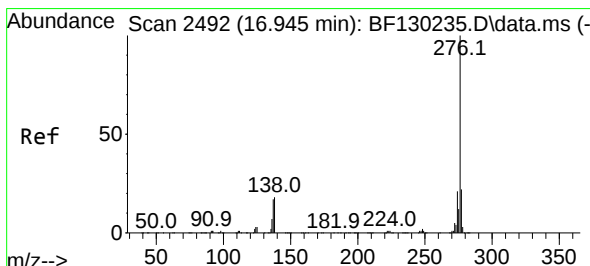
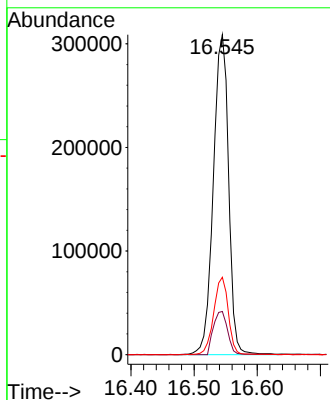
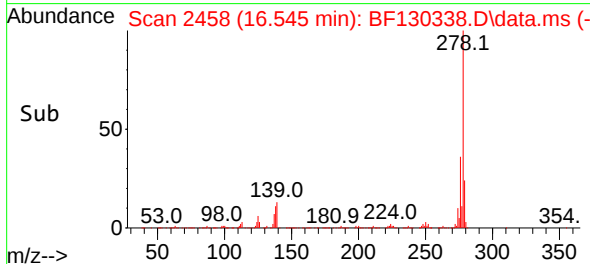


Tgt Ion:278 Resp: 518506
Ion Ratio Lower Upper
278 100
139 13.5 11.8 17.8
279 24.2 19.4 29.0

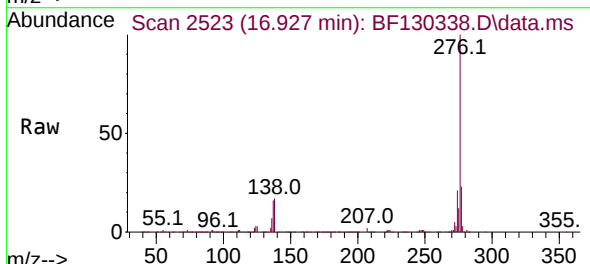
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#92
Benzo(g,h,i)perylene
Concen: 44.908 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.018 min
Lab File: BF130338.D
Acq: 20 Sep 2022 11:40



Tgt Ion:276 Resp: 517696
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 17.3 14.6 21.8

