

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130143.D
 Acq On : 06 Sep 2022 18:08
 Operator : CG\JU
 Sample : PB147422BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147422BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 02:15:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	206210	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	857199	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	470626	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	809921	20.000	ng	0.00
76) Chrysene-d12	13.839	240	447989	20.000	ng	0.00
86) Perylene-d12	15.233	264	392764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1647938	135.669	ng	0.01
7) Phenol-d6	6.334	99	2057477	135.865	ng	0.00
23) Nitrobenzene-d5	7.269	82	1238086	92.822	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	619931	144.708	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2279510	80.304	ng	0.00
79) Terphenyl-d14	12.798	244	2438213	94.381	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.410	88	212940	37.512	ng	96
3) Pyridine	3.105	79	575794	37.826	ng	92
4) n-Nitrosodimethylamine	3.057	42	275892	46.087	ng	87
6) Aniline	6.363	93	846598	44.591	ng	# 50
8) 2-Chlorophenol	6.481	128	680963	51.077	ng	99
9) Benzaldehyde	6.245	77	269514	29.077	ng	96
10) Phenol	6.345	94	815757	47.657	ng	# 65
11) bis(2-Chloroethyl)ether	6.440	93	630105	48.449	ng	99
12) 1,3-Dichlorobenzene	6.640	146	690365	46.711	ng	96
13) 1,4-Dichlorobenzene	6.716	146	697333	46.841	ng	97
14) 1,2-Dichlorobenzene	6.863	146	665443	49.173	ng	99
15) Benzyl Alcohol	6.845	79	460119m	45.078	ng	
16) 2,2'-oxybis(1-Chloropr...	6.981	45	808347	45.733	ng	# 52
17) 2-Methylphenol	6.957	107	532134	47.441	ng	# 87
18) Hexachloroethane	7.210	117	257686	47.934	ng	94
19) n-Nitroso-di-n-propyla...	7.122	70	419679	46.002	ng	93
20) 3+4-Methylphenols	7.110	107	606956	46.143	ng	# 72
22) Acetophenone	7.116	105	853986	44.592	ng	# 97
24) Nitrobenzene	7.287	77	665503	46.915	ng	95
25) Isophorone	7.528	82	1229149	45.530	ng	98
26) 2-Nitrophenol	7.598	139	332008	49.690	ng	95
27) 2,4-Dimethylphenol	7.640	122	597038	52.705	ng	96
28) bis(2-Chloroethoxy)met...	7.740	93	766505	47.266	ng	98
29) 2,4-Dichlorophenol	7.840	162	551224	45.492	ng	97
30) 1,2,4-Trichlorobenzene	7.922	180	552251	43.225	ng	98
31) Naphthalene	8.004	128	1864955	43.137	ng	100
32) Benzoic acid	7.769	122	434405	47.109	ng	97
33) 4-Chloroaniline	8.051	127	695452	39.816	ng	98
34) Hexachlorobutadiene	8.122	225	317037	43.329	ng	99
35) Caprolactam	8.428	113	192197m	51.186	ng	
36) 4-Chloro-3-methylphenol	8.539	107	586113	47.803	ng	93
37) 2-Methylnaphthalene	8.692	142	1207082	43.343	ng	100
38) 1-Methylnaphthalene	8.792	142	1150657	42.508	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	515723	42.024	ng	98
41) Hexachlorocyclopentadiene	8.845	237	628156	97.942	ng	98
43) 2,4,6-Trichlorophenol	8.969	196	367857	41.994	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	436127	45.934	ng	95
46) 1,1'-Biphenyl	9.157	154	1464909	42.845	ng	99
47) 2-Chloronaphthalene	9.181	162	1158334	42.282	ng	100
48) 2-Nitroaniline	9.281	65	357453	52.949	ng	# 85
49) Acenaphthylene	9.592	152	1769755	42.542	ng	99
50) Dimethylphthalate	9.463	163	1384179	43.181	ng	99
51) 2,6-Dinitrotoluene	9.522	165	313712	50.196	ng	95
52) Acenaphthene	9.763	154	1243933m	47.446	ng	
53) 3-Nitroaniline	9.692	138	307248	42.831	ng	97
54) 2,4-Dinitrophenol	9.798	184	307247	105.424	ng	# 83
55) Dibenzofuran	9.939	168	1627539	43.352	ng	98
56) 4-Nitrophenol	9.857	139	551624	99.742	ng	88
57) 2,4-Dinitrotoluene	9.922	165	413362	57.447	ng	# 90
58) Fluorene	10.281	166	1206837	42.249	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.051	232	338063	45.843	ng	# 79
60) Diethylphthalate	10.163	149	1351756	43.589	ng	99
61) 4-Chlorophenyl-phenyle...	10.275	204	542755	42.982	ng	97
62) 4-Nitroaniline	10.310	138	359145	51.479	ng	92
63) Azobenzene	10.433	77	1289924	42.247	ng	95
65) 4,6-Dinitro-2-methylph...	10.328	198	189480	49.479	ng	96
66) n-Nitrosodiphenylamine	10.398	169	1159763	42.835	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	388674	43.144	ng	94
68) Hexachlorobenzene	10.822	284	430460	43.852	ng	# 89
69) Atrazine	10.928	200	356667	46.564	ng	100
70) Pentachlorophenol	11.016	266	510980	93.090	ng	97
71) Phenanthrene	11.239	178	1845097	42.007	ng	100
72) Anthracene	11.286	178	1859038	43.055	ng	99
73) Carbazole	11.445	167	1763569	44.292	ng	99
74) Di-n-butylphthalate	11.780	149	2012905	41.924	ng	100
75) Fluoranthene	12.416	202	1900008	43.623	ng	97
77) Benzidine	12.545	184	951282	78.649	ng	99
78) Pyrene	12.645	202	1871123	46.566	ng	98
80) Butylbenzylphthalate	13.274	149	690643	43.212	ng	99
81) Benzo(a)anthracene	13.827	228	1313081	42.770	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	402156	42.005	ng	99
83) Chrysene	13.869	228	1270862	41.986	ng	100
84) Bis(2-ethylhexyl)phtha...	13.833	149	695578	35.013	ng	99
85) Di-n-octyl phthalate	14.439	149	1109164	35.345	ng	98
87) Indeno(1,2,3-cd)pyrene	16.580	276	1270902	49.054	ng	96
88) Benzo(b)fluoranthene	14.845	252	1230949	46.997	ng	100
89) Benzo(k)fluoranthene	14.868	252	1050646	41.476	ng	97
90) Benzo(a)pyrene	15.180	252	1004548	48.266	ng	98
91) Dibenzo(a,h)anthracene	16.604	278	1101291	51.948	ng	97
92) Benzo(g,h,i)perylene	16.992	276	1113533	52.498	ng	# 95

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

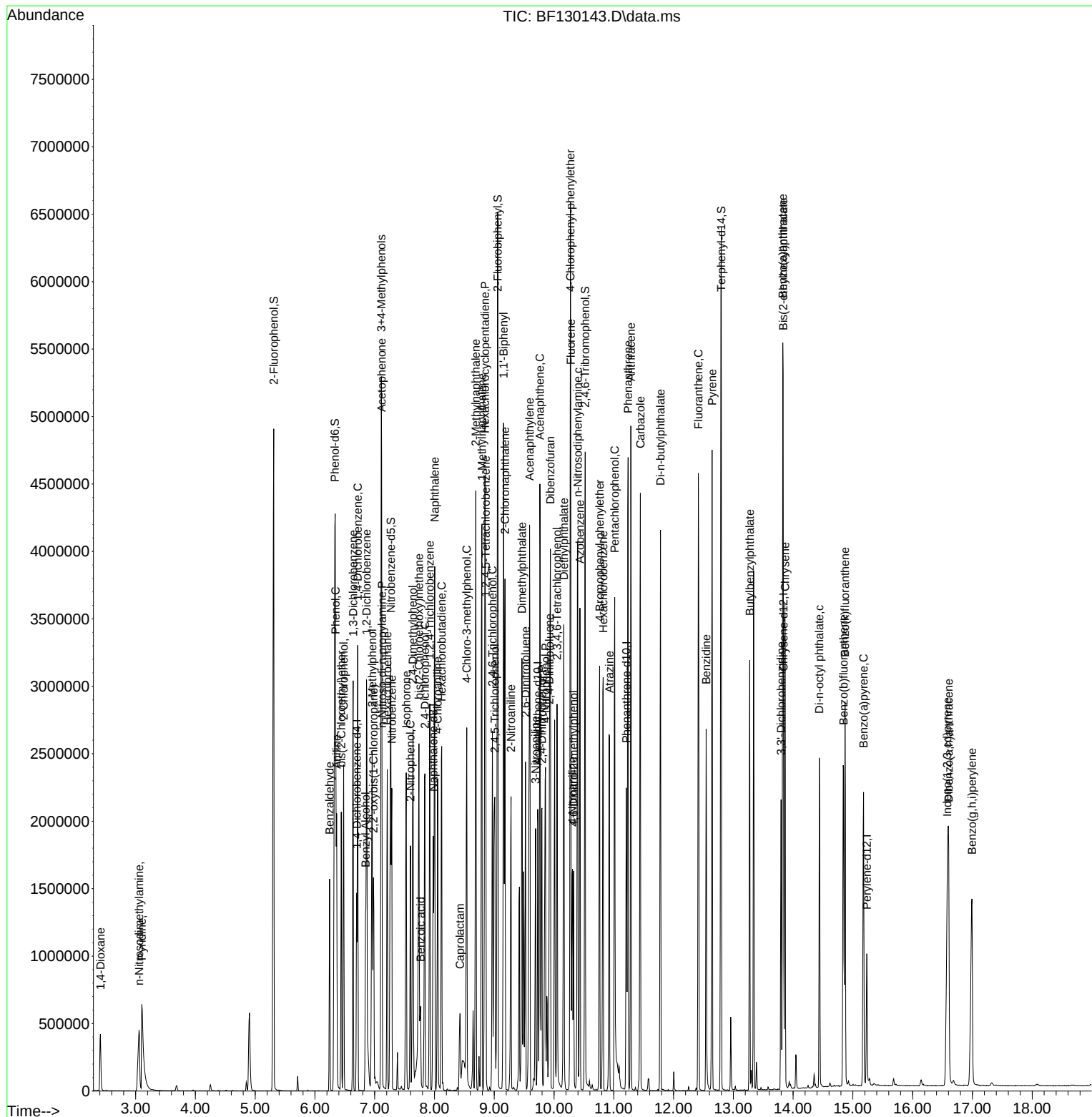
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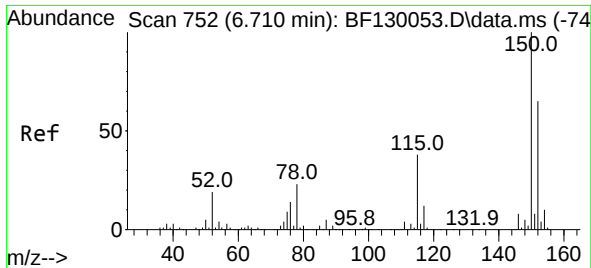
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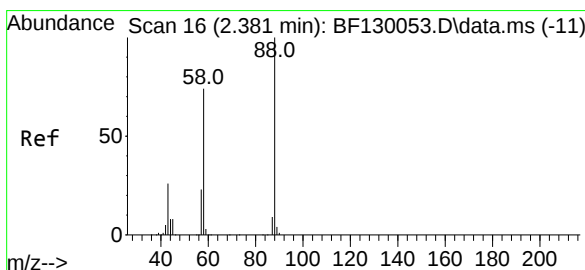
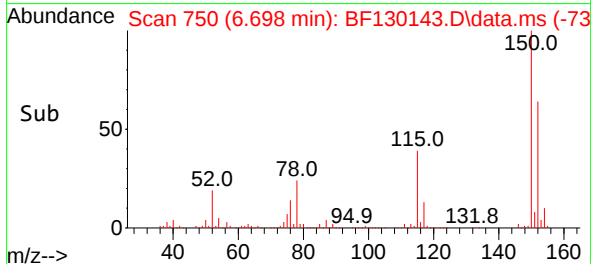
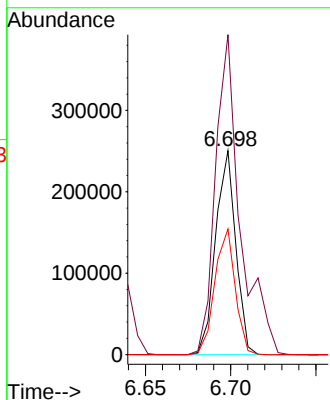
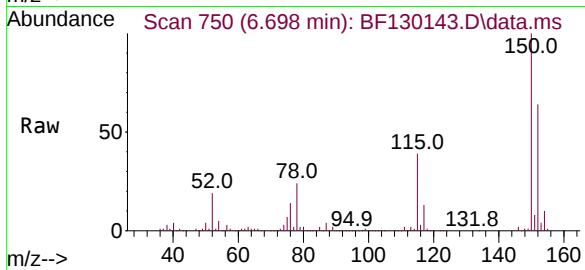
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

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 ClientSampleId :
 PB147422BS

Tgt Ion: 152 Resp: 206210
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.9 190.3
 115 61.6 53.4 80.0

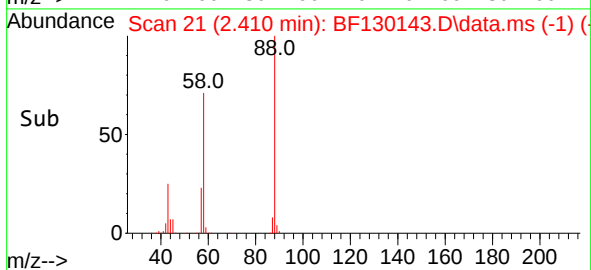
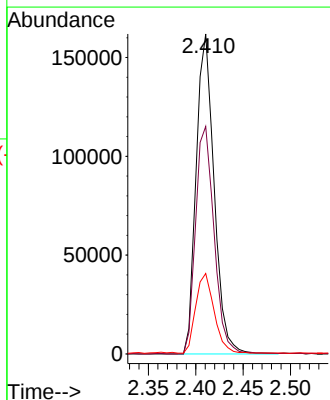
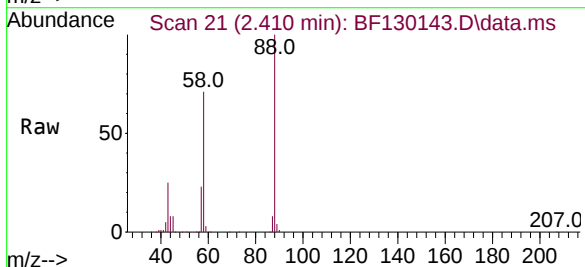
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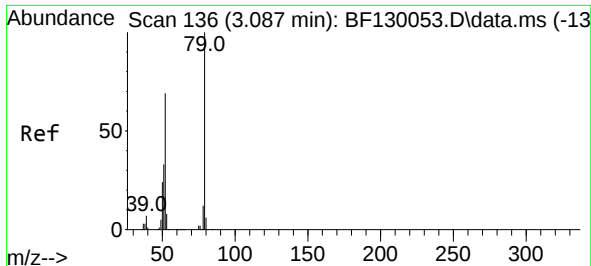
Reviewed By : Christian Giraldo 09/07/2022
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#2
 1,4-Dioxane
 Concen: 37.512 ng
 RT: 2.410 min Scan# 21
 Delta R.T. 0.071 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

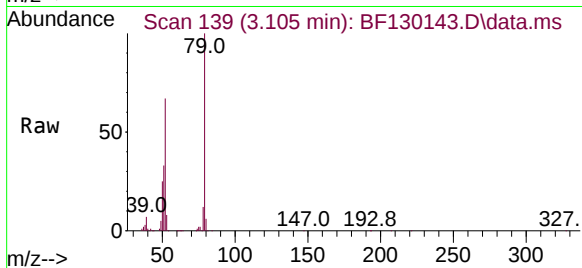
Tgt Ion: 88 Resp: 212940
 Ion Ratio Lower Upper
 88 100
 58 73.3 60.9 91.3
 43 25.5 23.6 35.4





#3
Pyridine
Concen: 37.826 ng
RT: 3.105 min Scan# 131
Delta R.T. 0.065 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

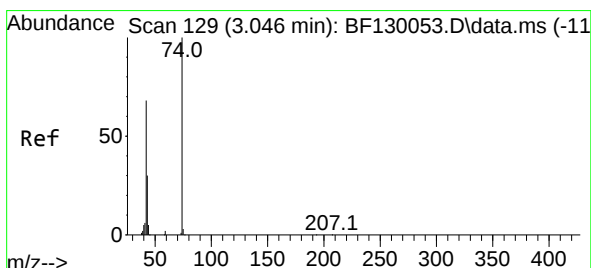
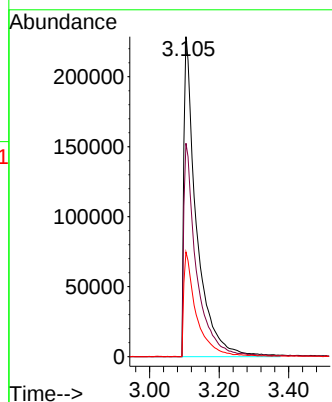
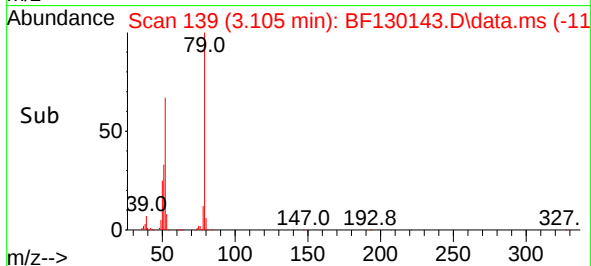
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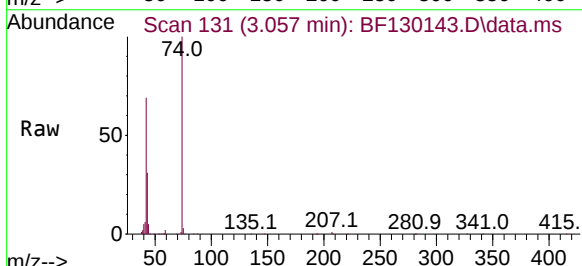
Tgt Ion: 79 Resp: 575794
Ion Ratio Lower Upper
79 100
52 66.7 59.4 89.2
51 32.7 29.5 44.3

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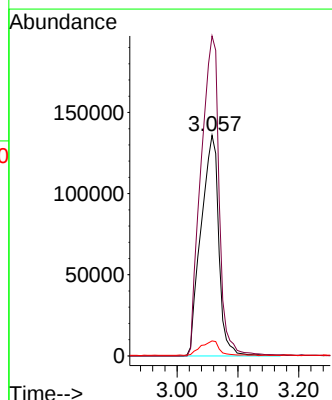
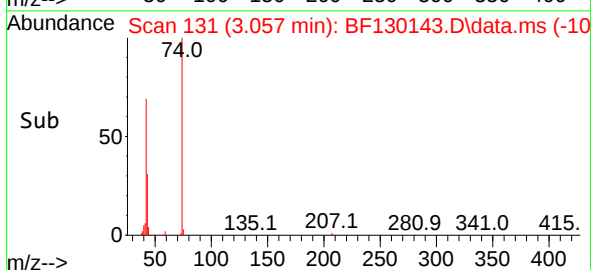
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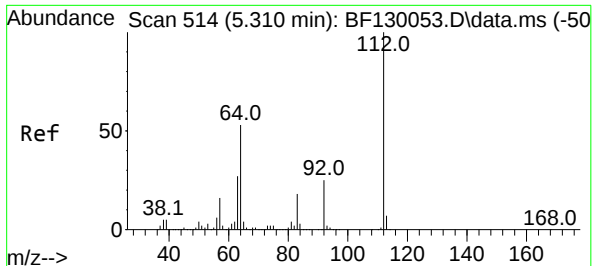


#4
n-Nitrosodimethylamine
Concen: 46.087 ng
RT: 3.057 min Scan# 131
Delta R.T. 0.059 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



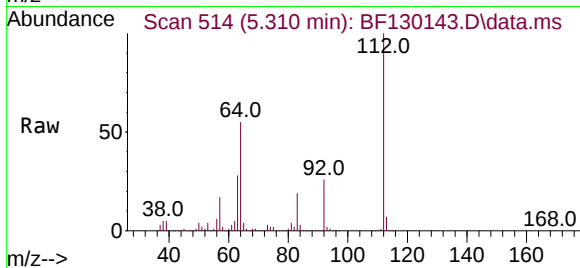
Tgt Ion: 42 Resp: 275892
Ion Ratio Lower Upper
42 100
74 145.1 103.1 154.7
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 135.669 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

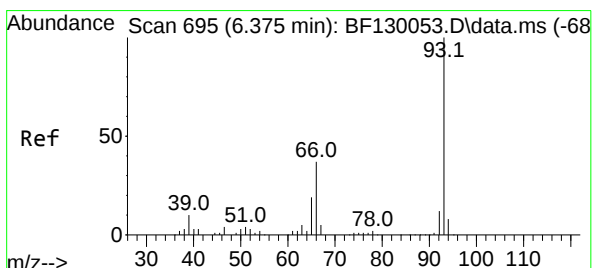
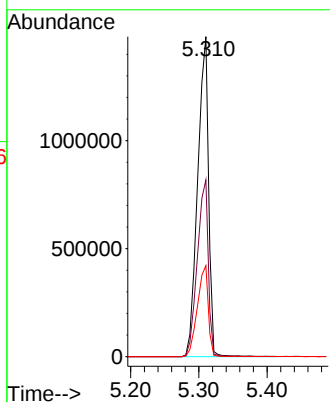
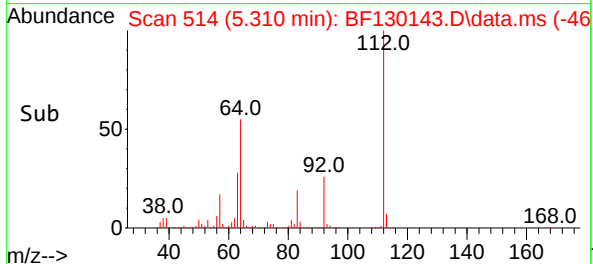
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Tgt Ion:112 Resp: 1647938
Ion Ratio Lower Upper
112 100
64 55.2 47.6 71.4
63 28.4 24.6 37.0

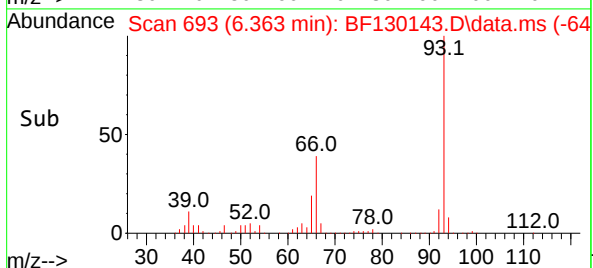
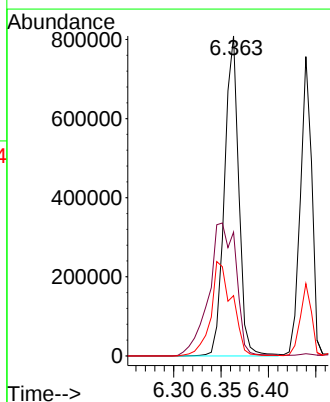
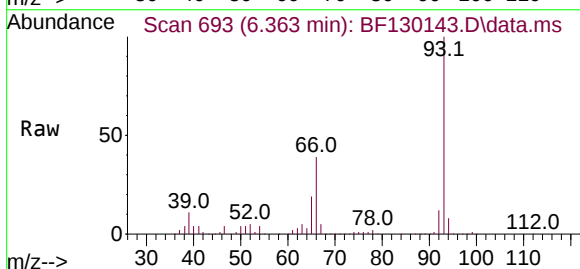
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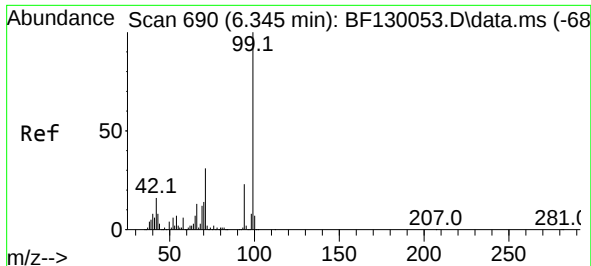
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#6
Aniline
Concen: 44.591 ng
RT: 6.363 min Scan# 693
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

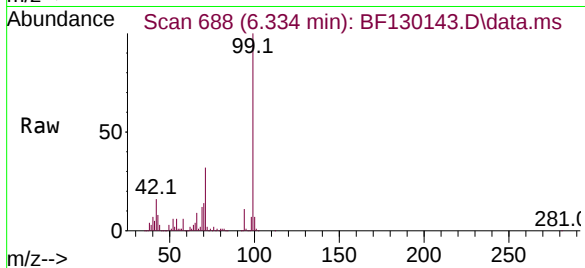
Tgt Ion: 93 Resp: 846598
Ion Ratio Lower Upper
93 100
66 38.7 68.7 103.1#
65 18.8 41.6 62.4#





#7
Phenol-d6
Concen: 135.865 ng
RT: 6.334 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF130143.D
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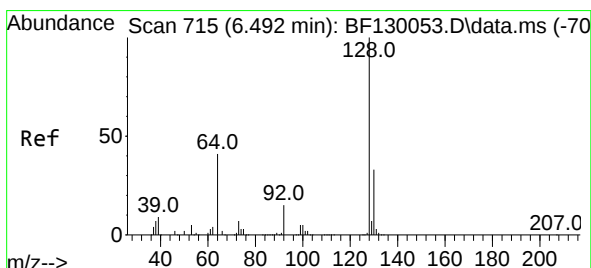
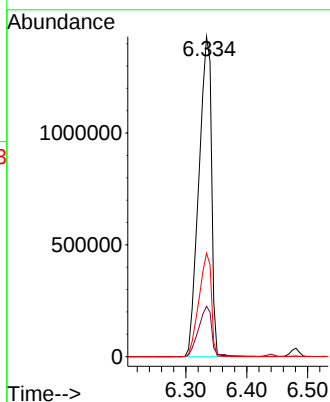
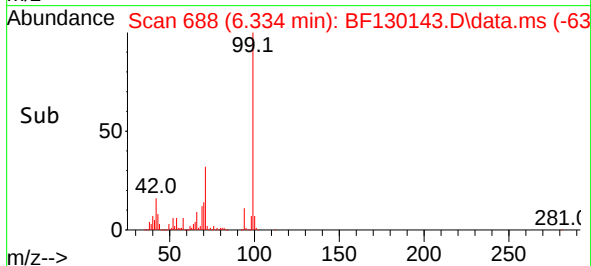
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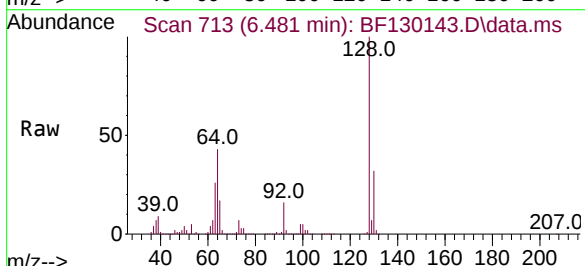
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Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 32.3 28.8 43.2

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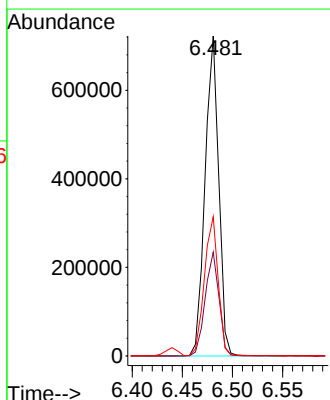
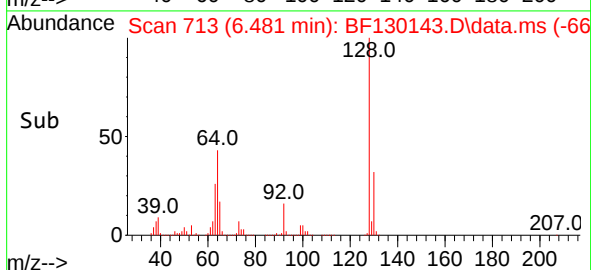
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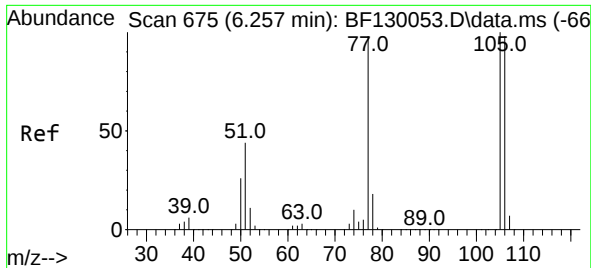


#8
2-Chlorophenol
Concen: 51.077 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF130143.D
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Tgt Ion:128 Resp: 680963
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 43.5 24.9 64.9





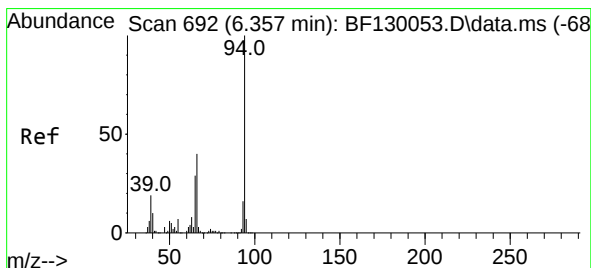
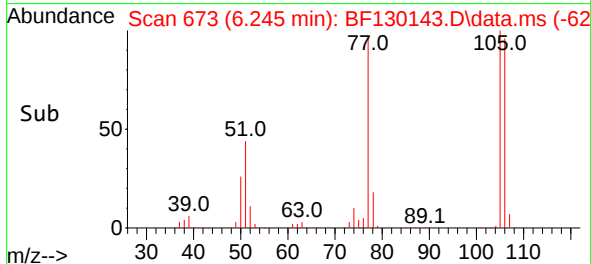
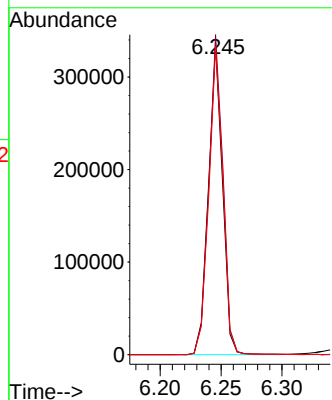
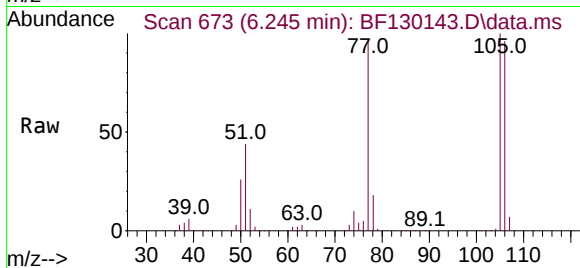
#9
Benzaldehyde
Concen: 29.077 ng
RT: 6.245 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130143.D
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BNA_F
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Tgt Ion: 77 Resp: 269514
Ion Ratio Lower Upper
77 100
105 103.0 80.3 120.3
106 99.3 74.3 114.3

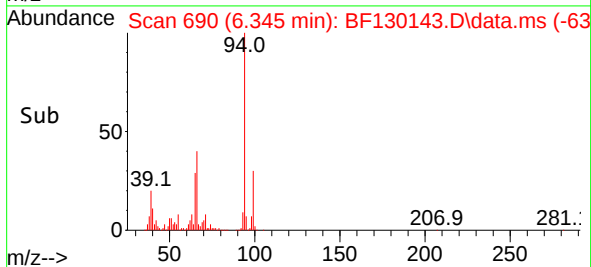
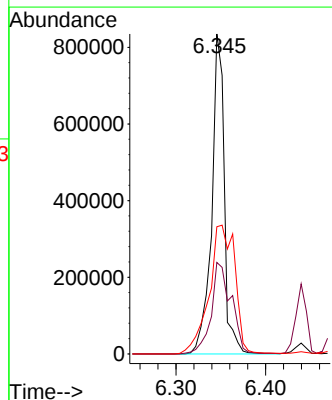
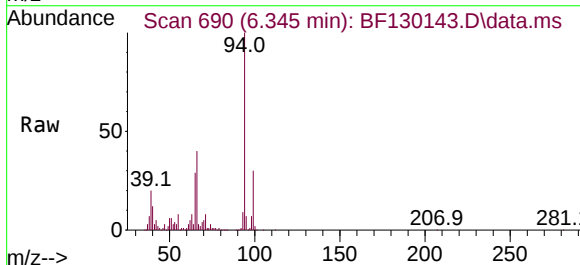
Manual Integrations
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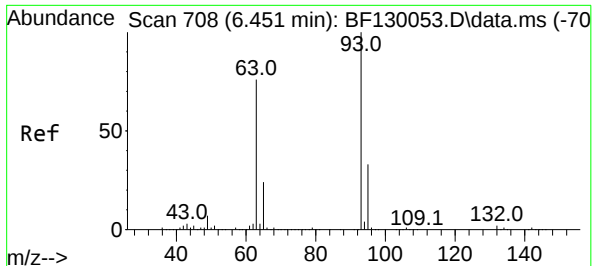
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#10
Phenol
Concen: 47.657 ng
RT: 6.345 min Scan# 690
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 94 Resp: 815757
Ion Ratio Lower Upper
94 100
65 28.6 24.9 64.9
66 39.7 54.2 94.2#





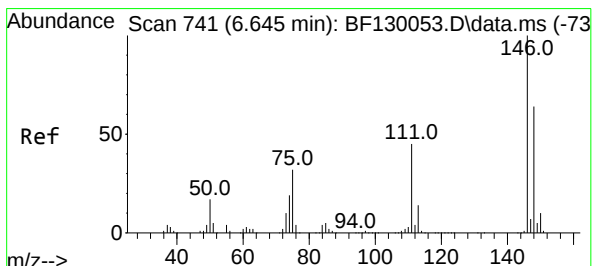
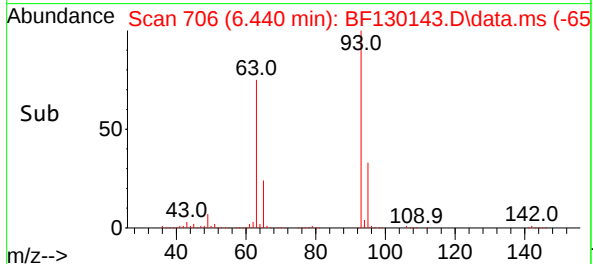
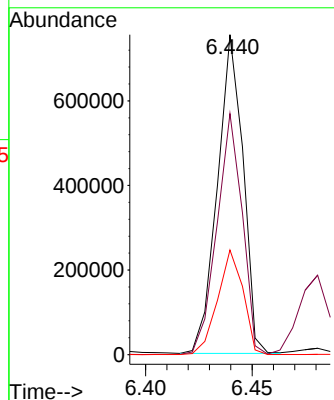
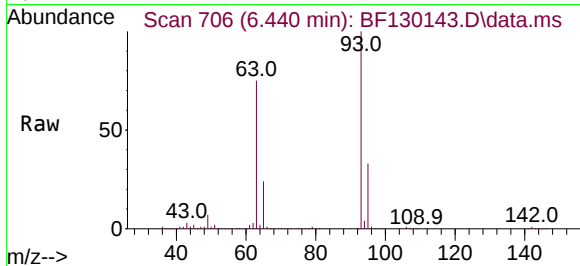
#11
bis(2-Chloroethyl)ether
Concen: 48.449 ng
RT: 6.440 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Instrument :
BNA_F
ClientSampleId :
PB147422BS

Tgt Ion: 93 Resp: 630105
Ion Ratio Lower Upper
93 100
63 75.3 55.9 95.9
95 32.7 12.3 52.3

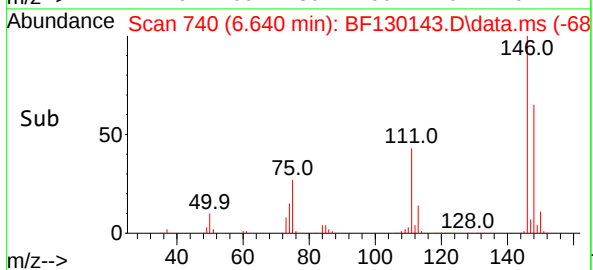
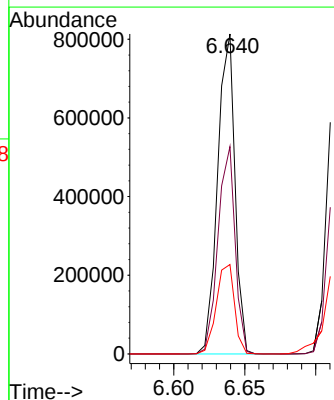
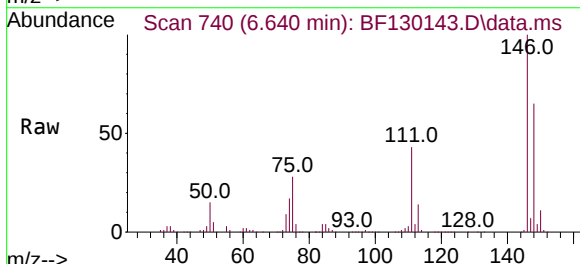
Manual Integrations
APPROVED

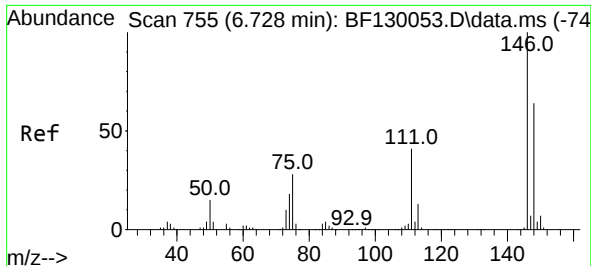
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#12
1,3-Dichlorobenzene
Concen: 46.711 ng
RT: 6.640 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:146 Resp: 690365
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 28.0 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 46.841 ng

RT: 6.716 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

Tgt Ion:146 Resp: 69733

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

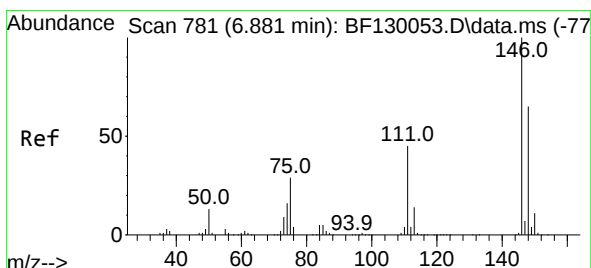
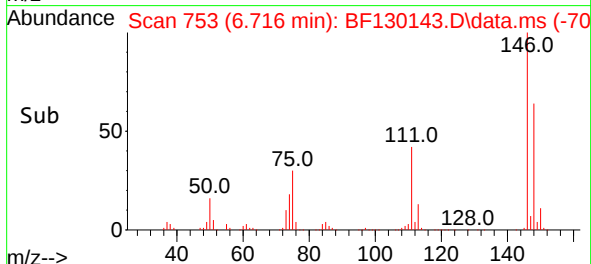
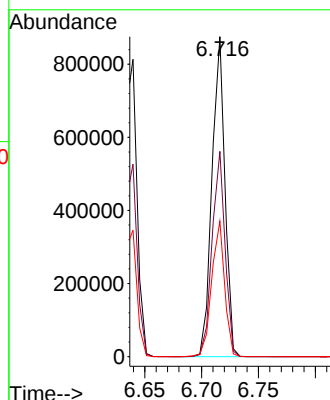
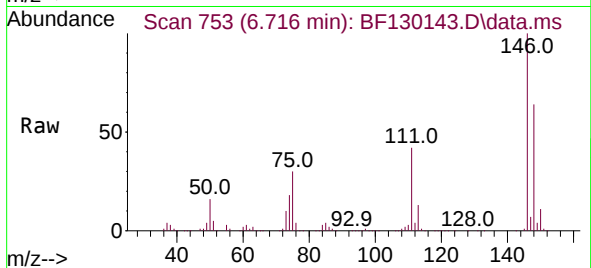
111 42.3 36.2 54.4

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#14

1,2-Dichlorobenzene

Concen: 49.173 ng

RT: 6.863 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

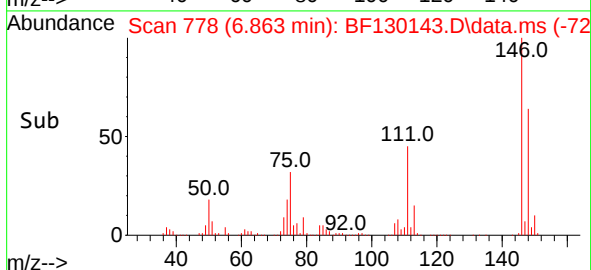
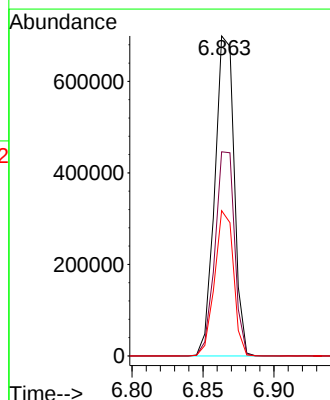
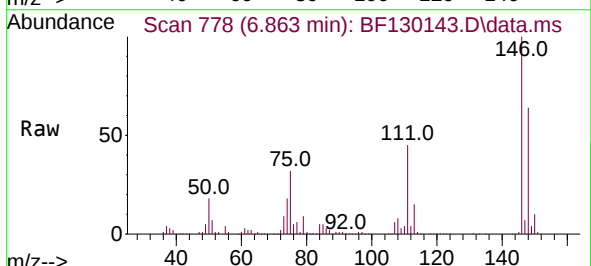
Tgt Ion:146 Resp: 665443

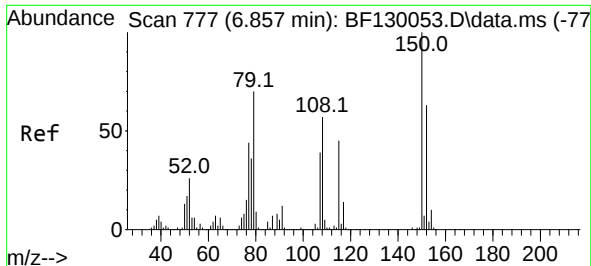
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

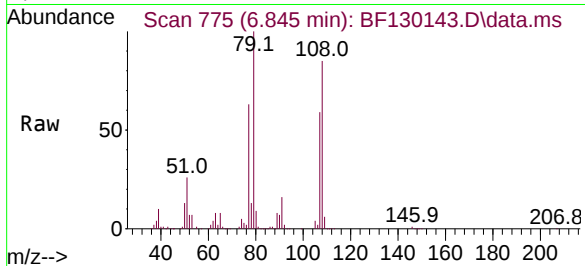
111 45.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.078 ng m
RT: 6.845 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

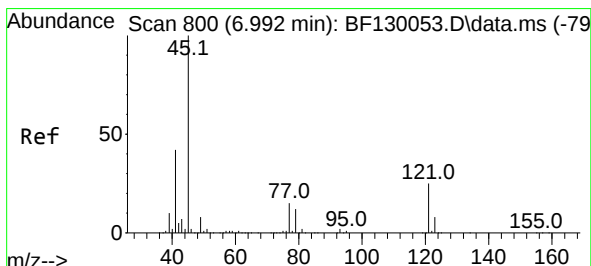
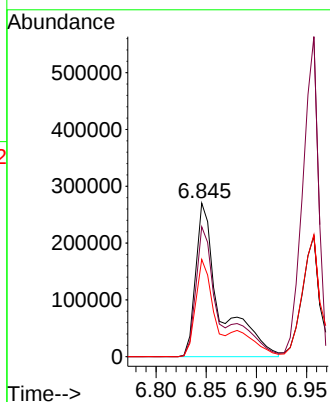
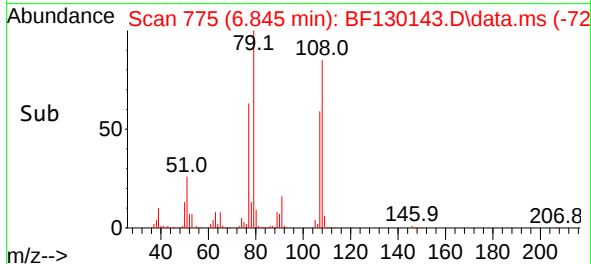
Instrument :
BNA_F
ClientSampleId :
PB147422BS



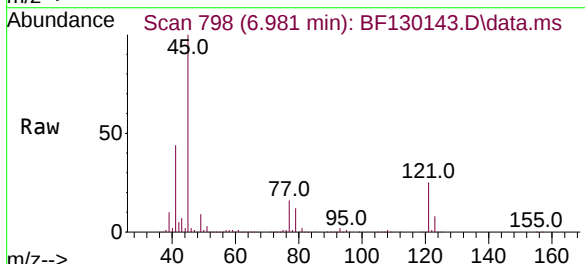
Tgt Ion: 79 Resp: 460119
Ion Ratio Lower Upper
79 100
108 84.7 59.2 88.8
77 63.4 51.9 77.9

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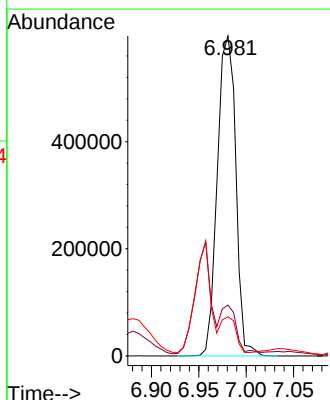
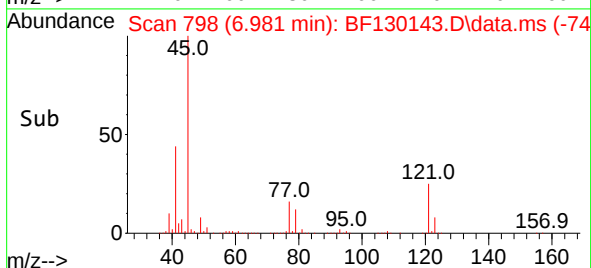
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

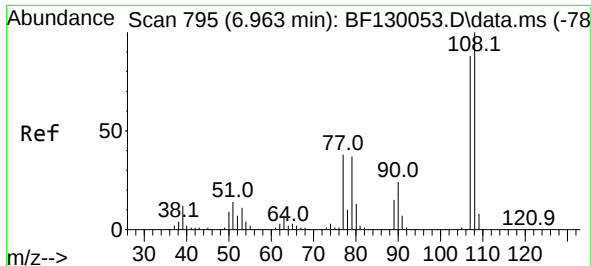


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.733 ng
RT: 6.981 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



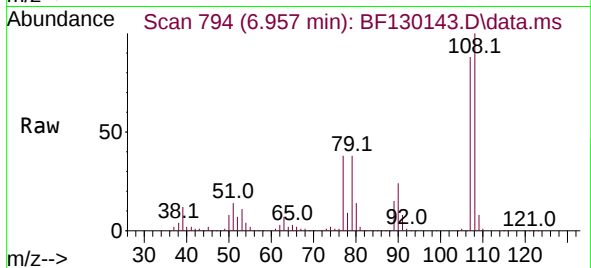
Tgt Ion: 45 Resp: 808347
Ion Ratio Lower Upper
45 100
77 15.9 27.4 67.4#
79 12.2 24.4 64.4#





#17
2-Methylphenol
Concen: 47.441 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

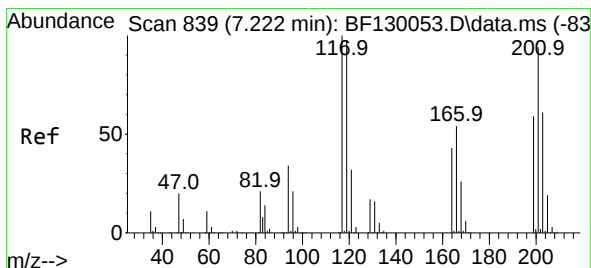
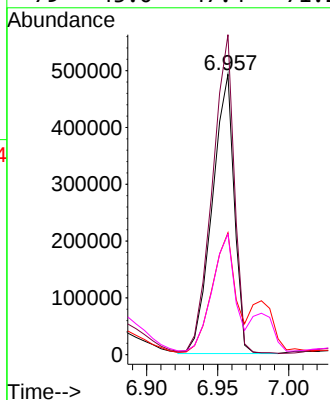
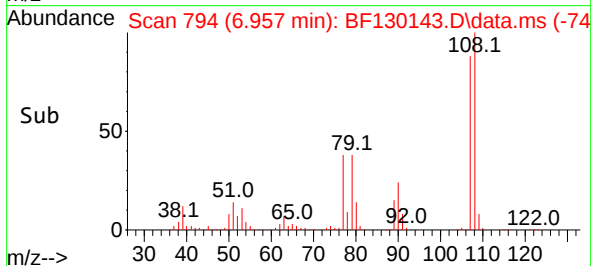
Instrument :
BNA_F
ClientSampleId :
PB147422BS



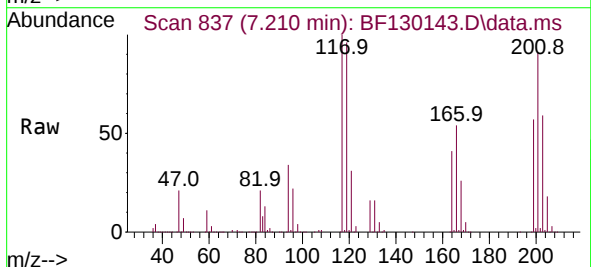
Tgt Ion:107 Resp: 532134
Ion Ratio Lower Upper
107 100
108 114.2 90.2 135.2
77 43.5 51.8 77.8
79 43.0 47.4 71.2#

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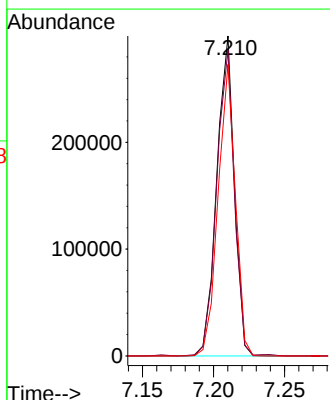
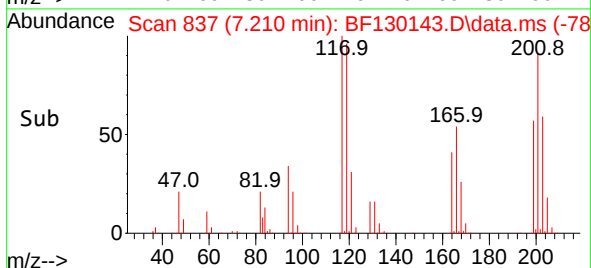
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

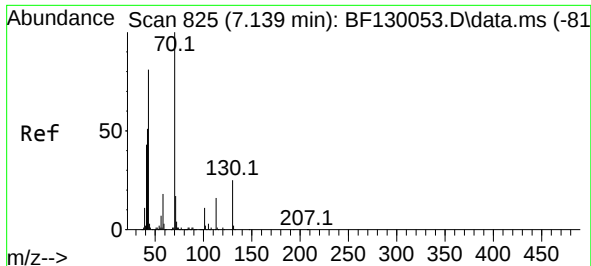


#18
Hexachloroethane
Concen: 47.934 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



Tgt Ion:117 Resp: 257686
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
201 91.1 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.002 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

Tgt Ion: 70 Resp: 419679

Ion Ratio Lower Upper

70 100

42 52.6 47.6 71.4

101 9.9 8.1 12.1

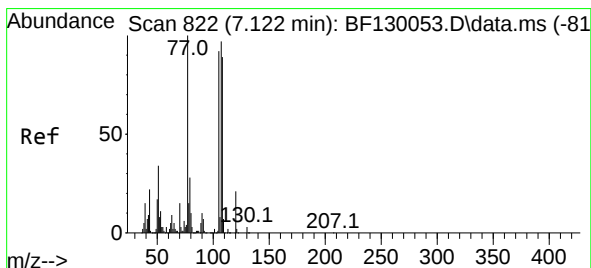
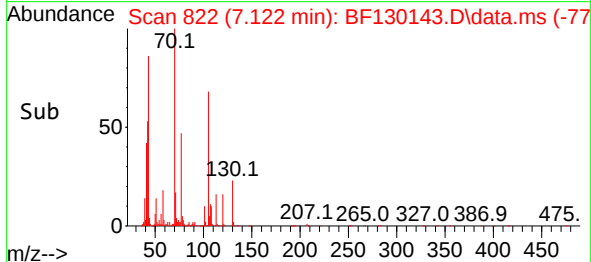
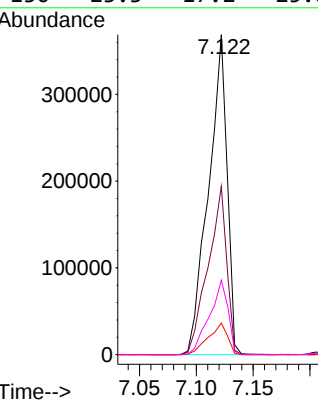
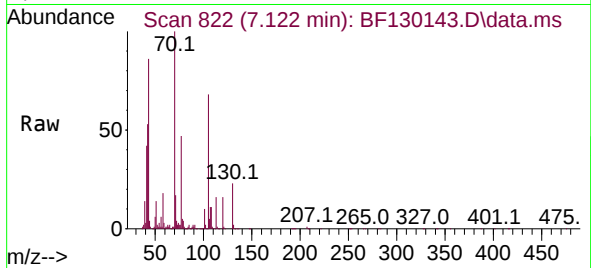
130 23.3 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#20

3+4-Methylphenols

Concen: 46.143 ng

RT: 7.110 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Tgt Ion:107 Resp: 606956

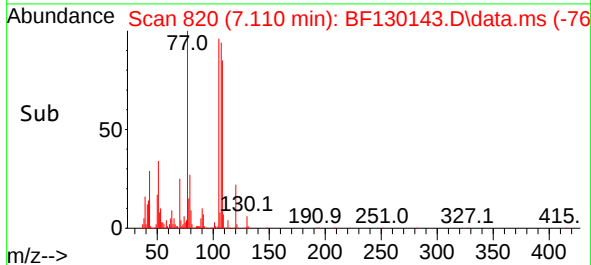
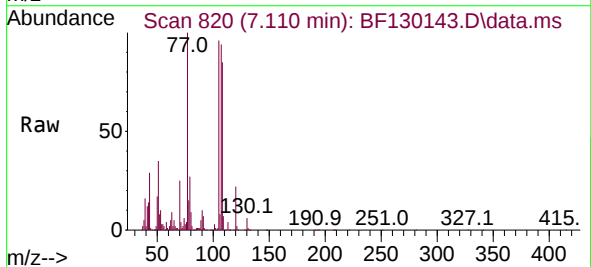
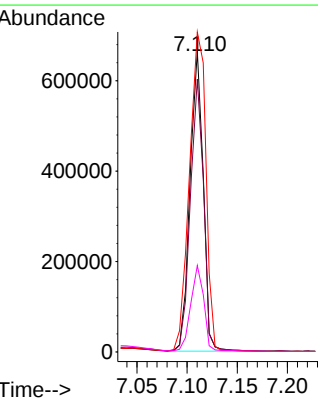
Ion Ratio Lower Upper

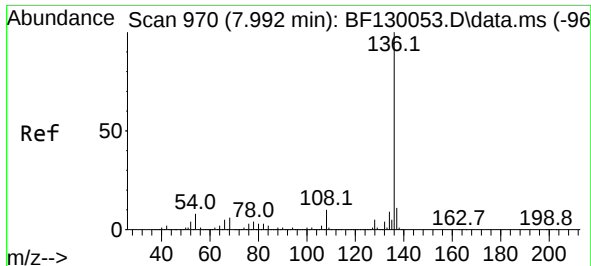
107 100

108 90.7 71.3 111.3

77 106.4 20.4 60.4#

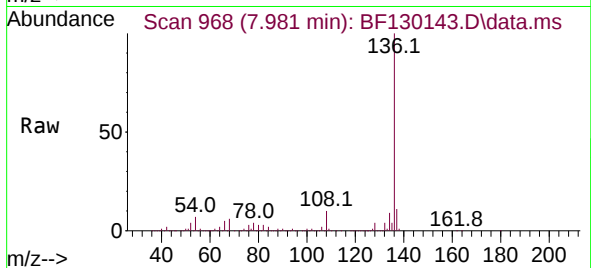
79 28.7 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

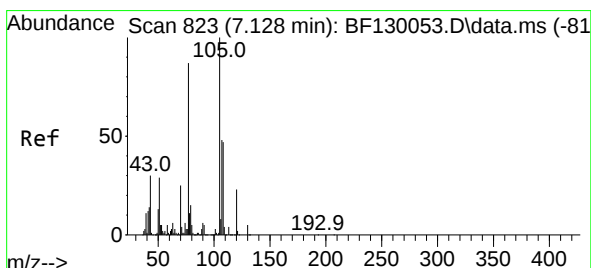
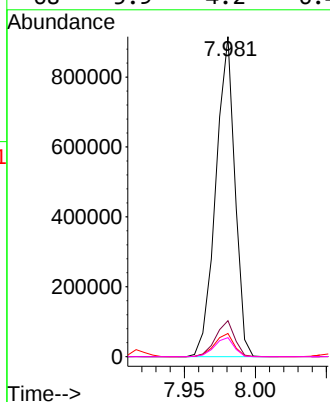
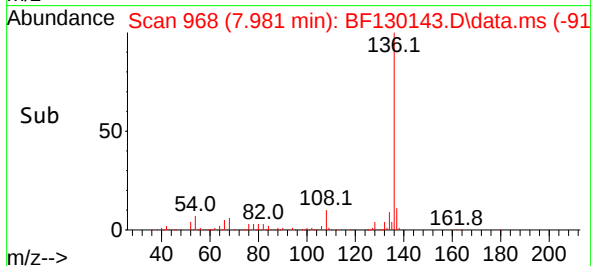
Instrument :
BNA_F
ClientSampleId :
PB147422BS



Tgt Ion:136 Resp: 857199
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.2 6.2 9.2
68 5.9 4.2 6.4

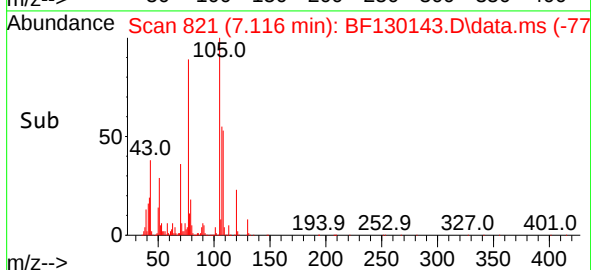
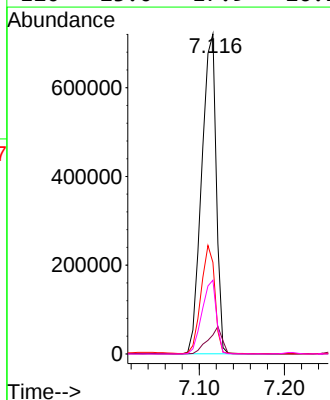
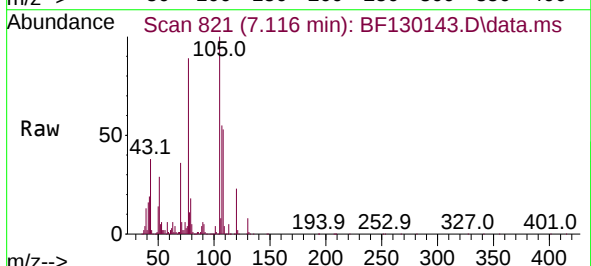
Manual Integrations
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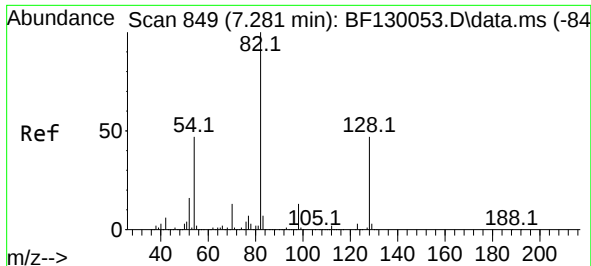
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#22
Acetophenone
Concen: 44.592 ng
RT: 7.116 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

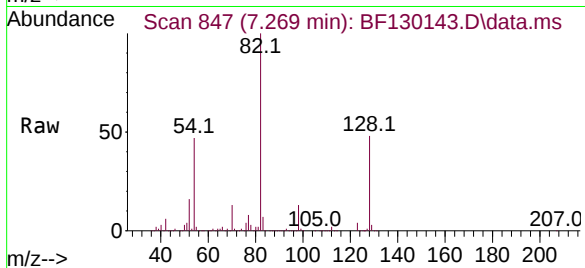
Tgt Ion:105 Resp: 853986
Ion Ratio Lower Upper
105 100
71 5.9 6.6 9.8#
51 28.6 23.8 35.8
120 23.0 17.9 26.9





#23
Nitrobenzene-d5
Concen: 92.822 ng
RT: 7.269 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

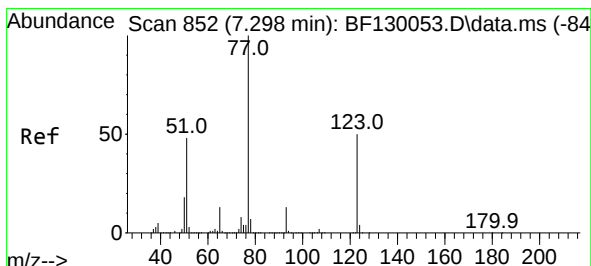
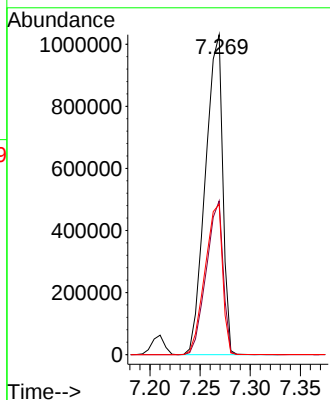
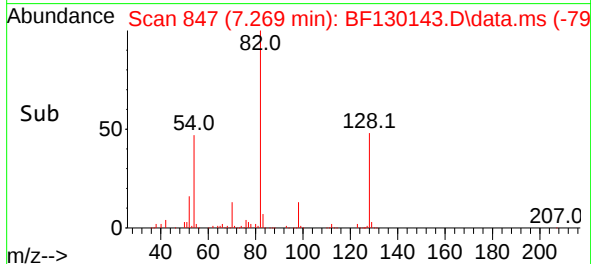
Instrument :
BNA_F
ClientSampleId :
PB147422BS



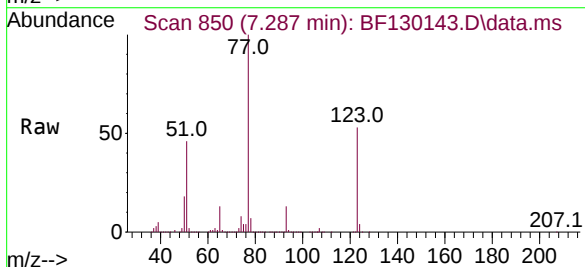
Tgt Ion: 82 Resp: 1238086
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 47.0 40.0 60.0

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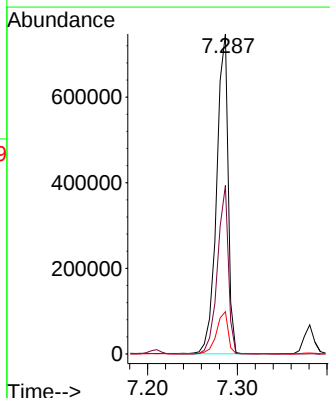
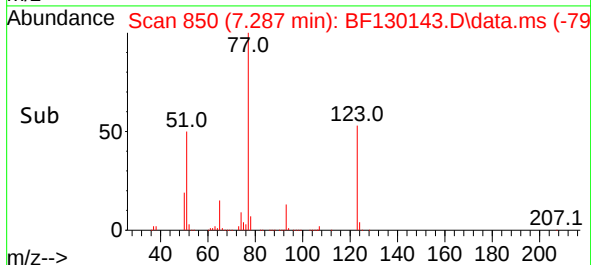
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

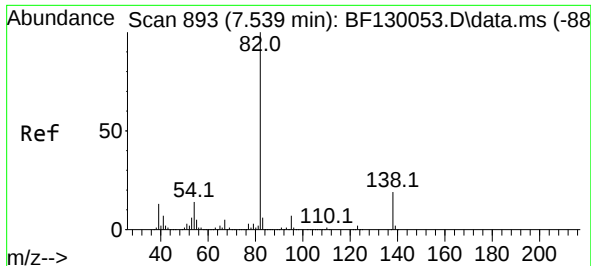


#24
Nitrobenzene
Concen: 46.915 ng
RT: 7.287 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



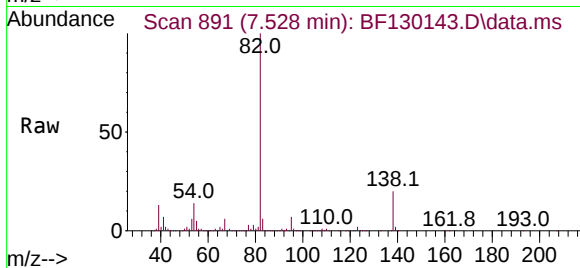
Tgt Ion: 77 Resp: 665503
Ion Ratio Lower Upper
77 100
123 52.6 39.2 58.8
65 13.2 11.1 16.7





#25
Isophorone
Concen: 45.530 ng
RT: 7.528 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

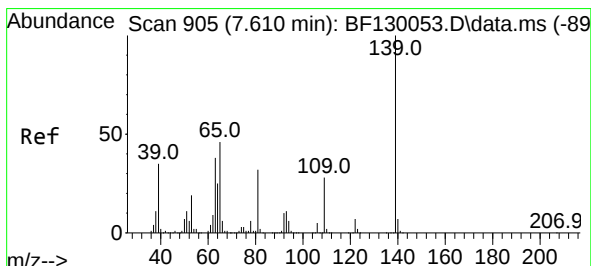
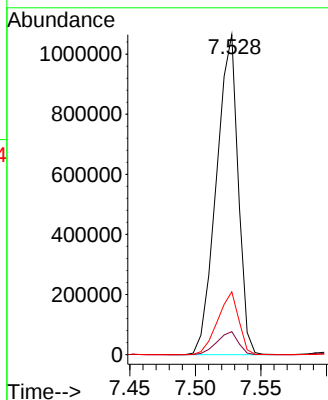
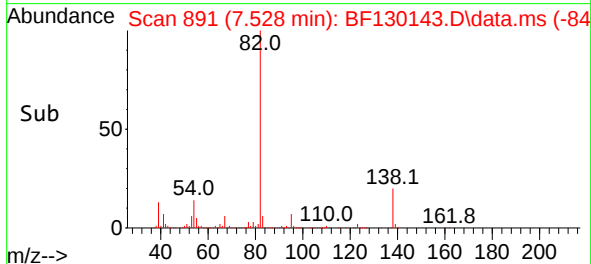
Instrument :
BNA_F
ClientSampleId :
PB147422BS



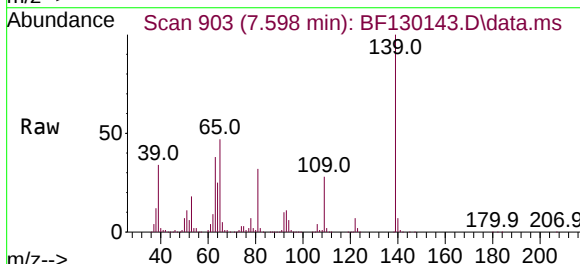
Tgt Ion: 82 Resp: 1229149
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.6 14.6 21.8

Manual Integrations
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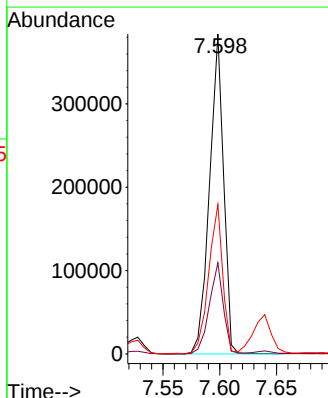
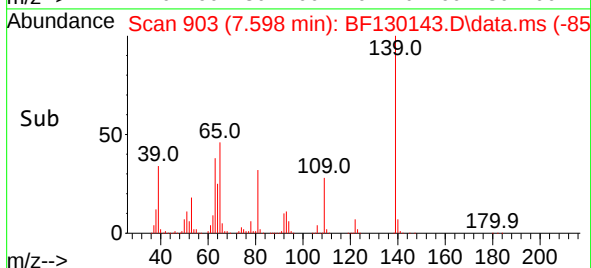
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

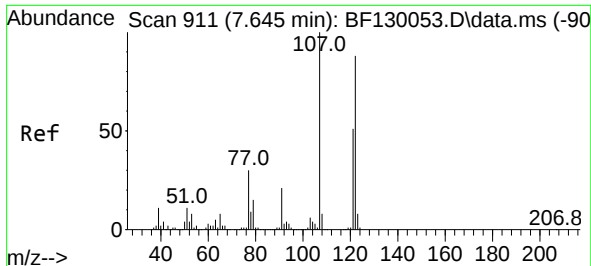


#26
2-Nitrophenol
Concen: 49.690 ng
RT: 7.598 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



Tgt Ion:139 Resp: 332008
Ion Ratio Lower Upper
139 100
109 28.5 24.4 36.6
65 46.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 52.705 ng

RT: 7.640 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130143.D

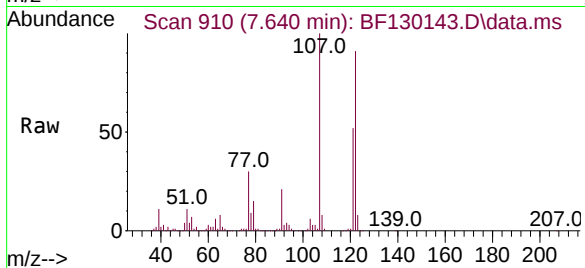
Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS



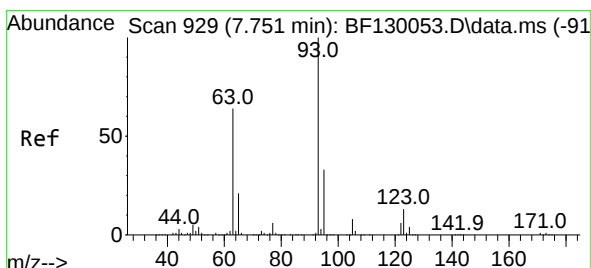
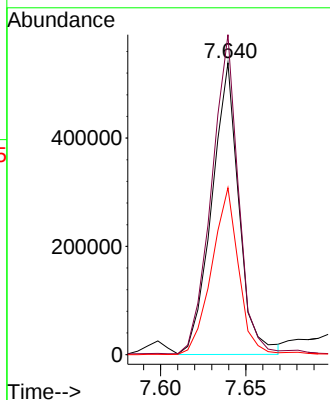
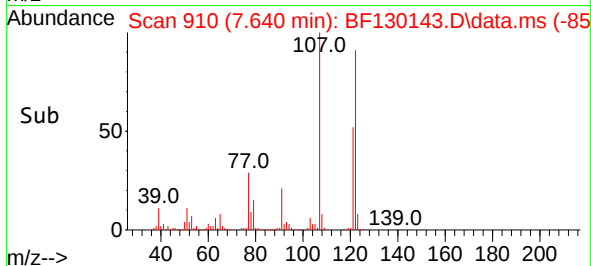
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.7	92.2	138.4
121	57.2	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.266 ng

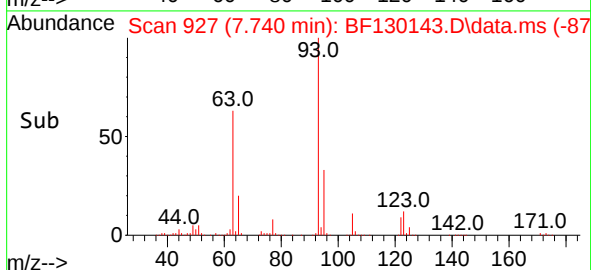
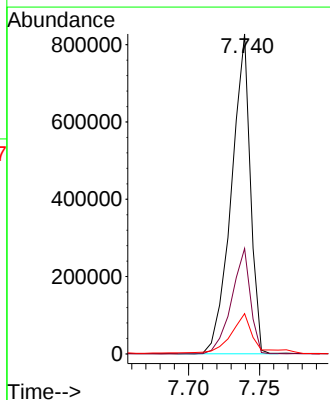
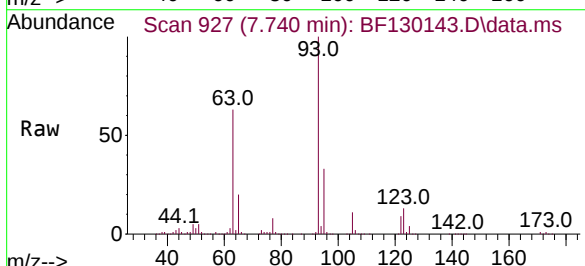
RT: 7.740 min Scan# 927

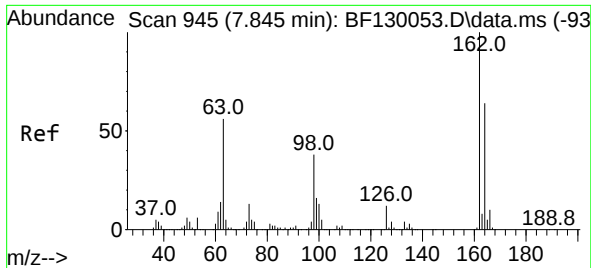
Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.6	38.4
123	12.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 45.492 ng

RT: 7.840 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

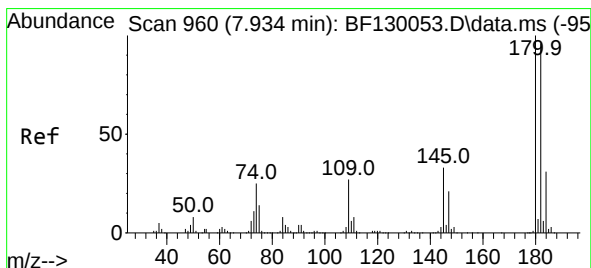
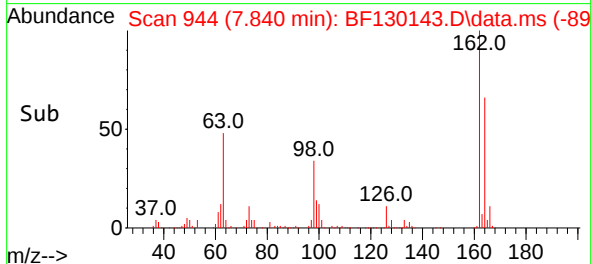
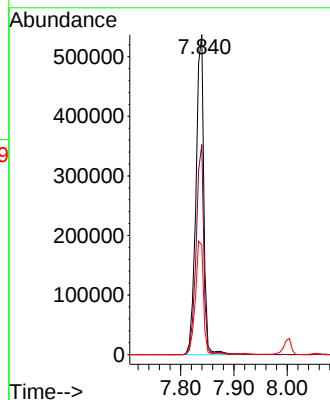
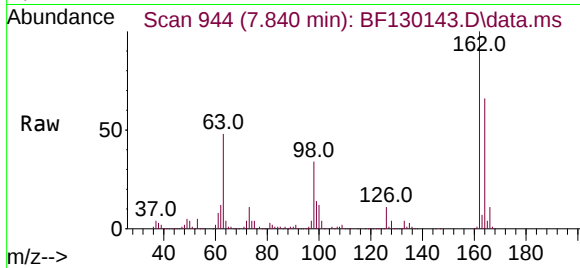
PB147422BS

Tgt Ion:162 Resp: 551224
 Ion Ratio Lower Upper
 162 100
 164 65.6 43.7 83.7
 98 34.3 16.5 56.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.225 ng

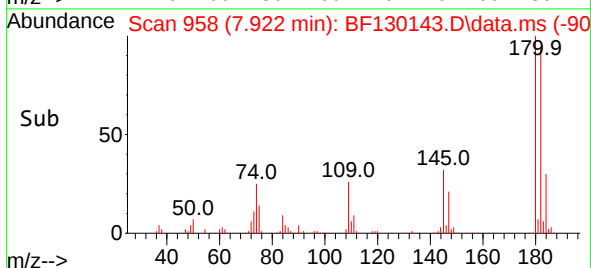
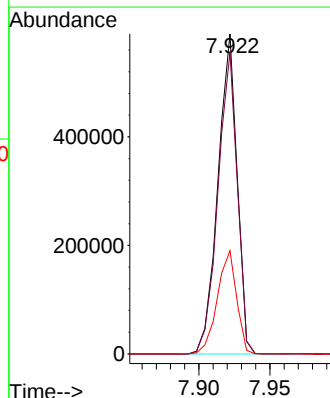
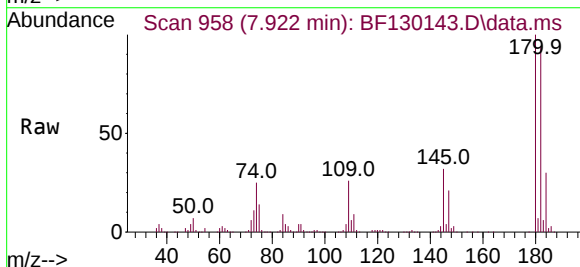
RT: 7.922 min Scan# 958

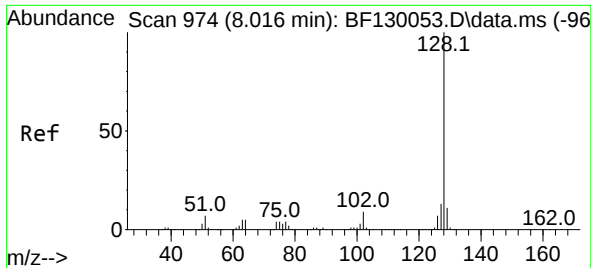
Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

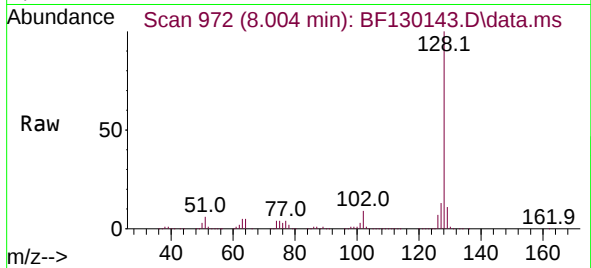
Tgt Ion:180 Resp: 552251
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.6 116.4
 145 32.2 25.6 38.4





#31
Naphthalene
Concen: 43.137 ng
RT: 8.004 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

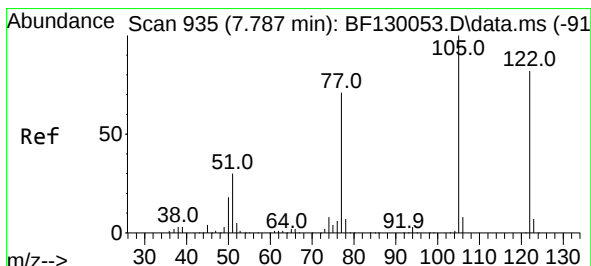
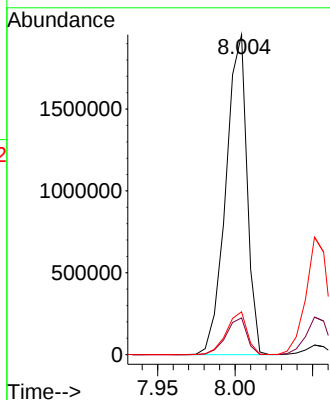
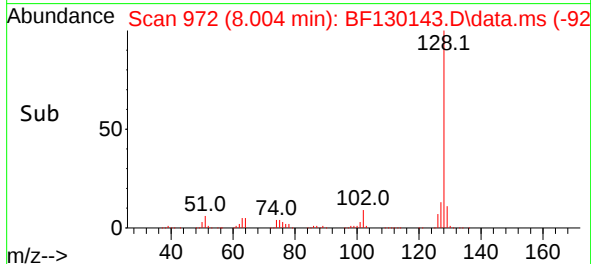
Instrument :
BNA_F
ClientSampleId :
PB147422BS



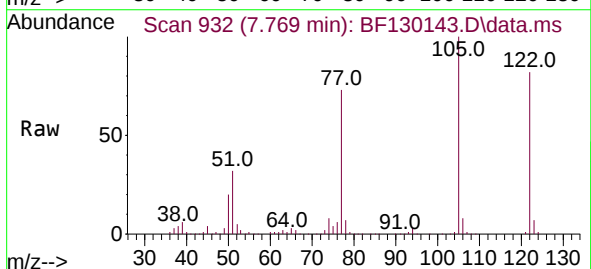
Tgt Ion:128 Resp: 1864955
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.4 10.7 16.1

Manual Integrations
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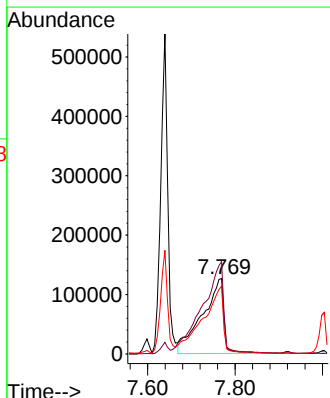
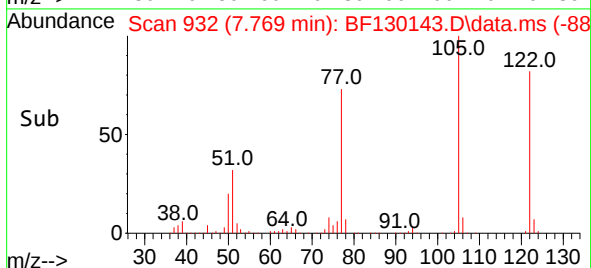
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

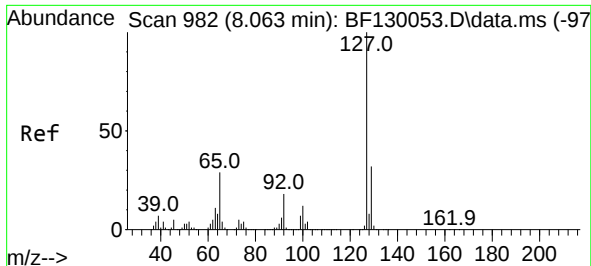


#32
Benzoic acid
Concen: 47.109 ng
RT: 7.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



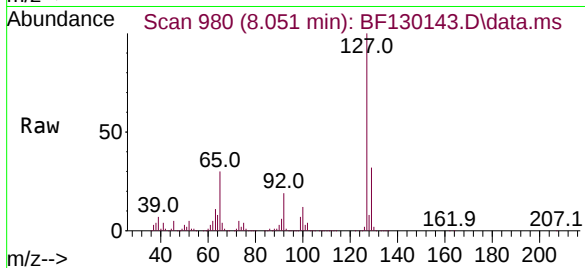
Tgt Ion:122 Resp: 434405
Ion Ratio Lower Upper
122 100
105 122.5 99.9 139.9
77 90.0 65.9 105.9





#33
4-Chloroaniline
Concen: 39.816 ng
RT: 8.051 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

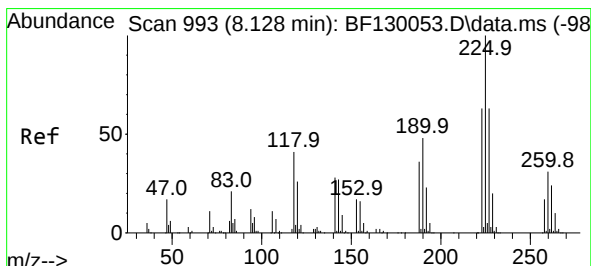
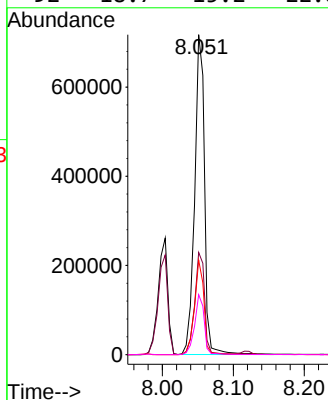
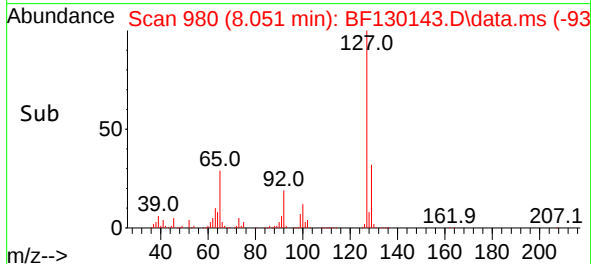
Instrument :
BNA_F
ClientSampleId :
PB147422BS



Tgt Ion:127 Resp: 695452
Ion Ratio Lower Upper
127 100
129 31.9 26.7 40.1
65 29.5 24.2 36.2
92 18.7 15.2 22.8

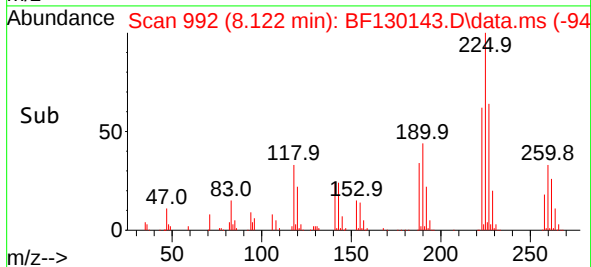
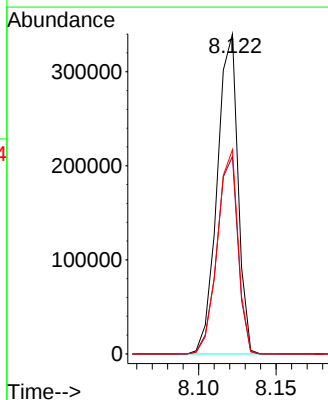
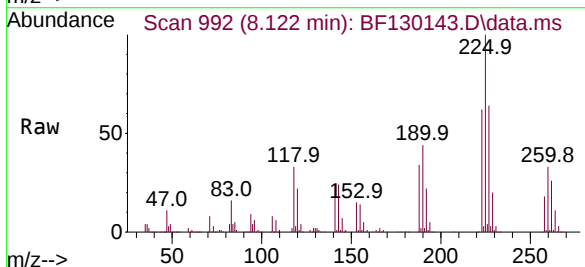
Manual Integrations
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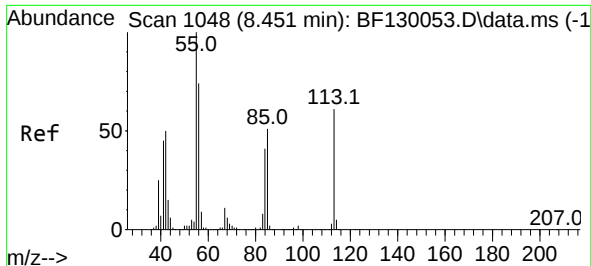
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#34
Hexachlorobutadiene
Concen: 43.329 ng
RT: 8.122 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

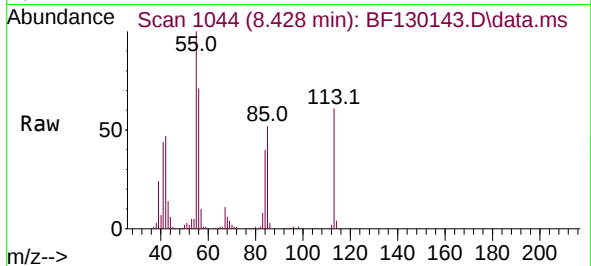
Tgt Ion:225 Resp: 317037
Ion Ratio Lower Upper
225 100
223 61.7 50.2 75.2
227 63.8 50.6 75.8





#35
Caprolactam
Concen: 51.186 ng m
RT: 8.428 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

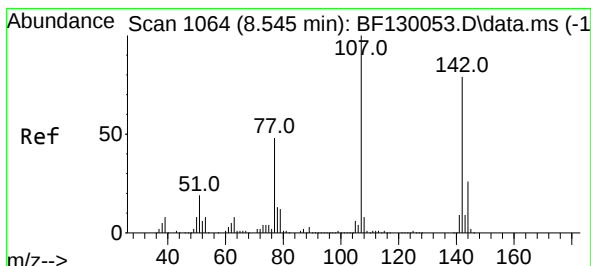
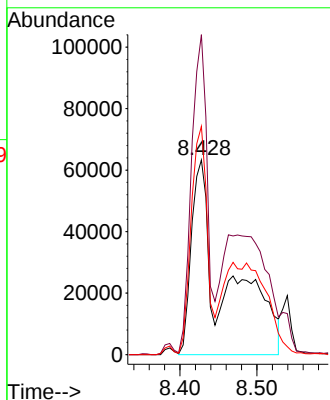
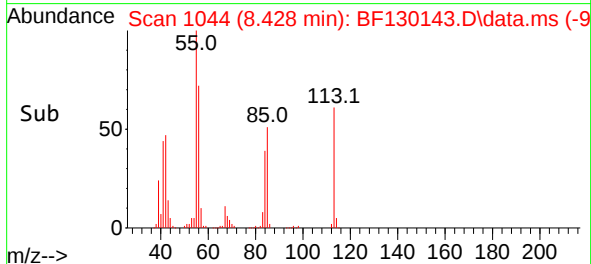
Instrument :
BNA_F
ClientSampleId :
PB147422BS



Tgt Ion:113 Resp: 192197
Ion Ratio Lower Upper
113 100
55 164.4 148.8 188.8
56 117.3 109.1 149.1

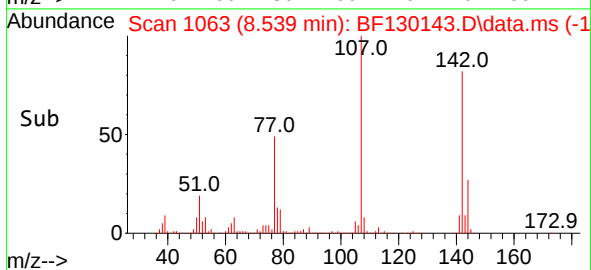
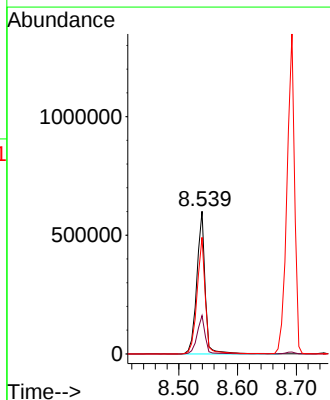
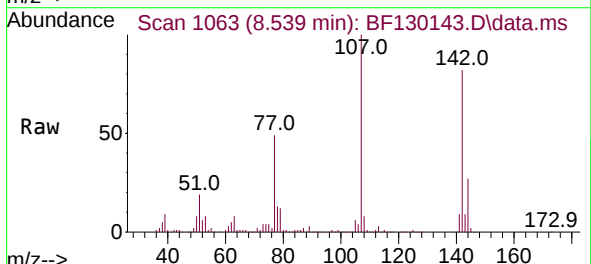
Manual Integrations
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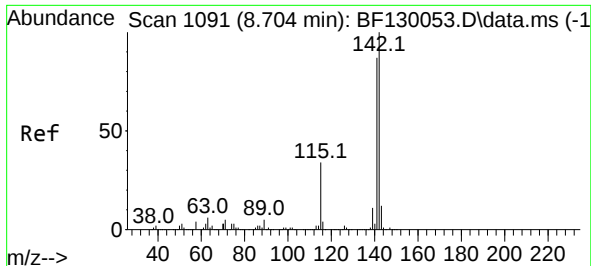
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#36
4-Chloro-3-methylphenol
Concen: 47.803 ng
RT: 8.539 min Scan# 1063
Delta R.T. 0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:107 Resp: 586113
Ion Ratio Lower Upper
107 100
144 26.9 19.9 29.9
142 81.8 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.343 ng

RT: 8.692 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

Tgt Ion:142 Resp: 1207082

Ion Ratio Lower Upper

142 100

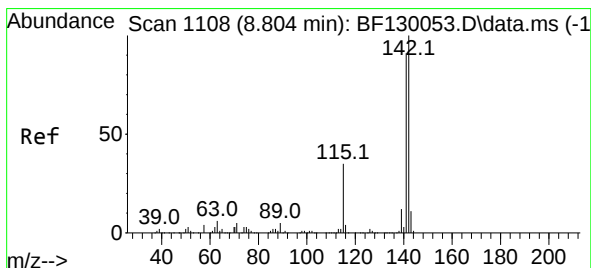
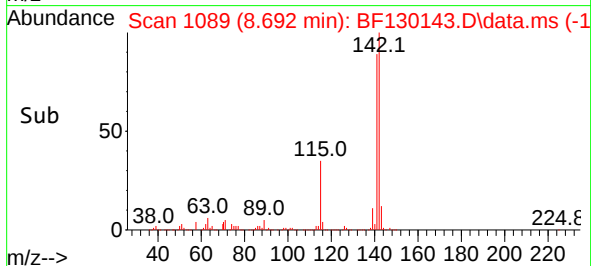
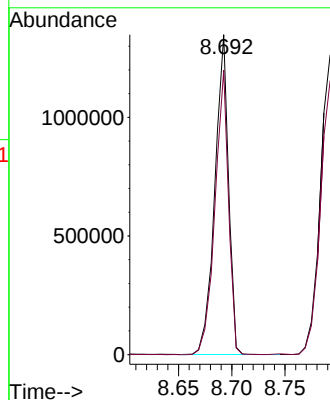
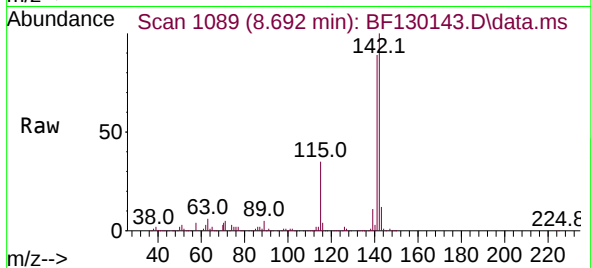
141 88.8 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#38

1-Methylnaphthalene

Concen: 42.508 ng

RT: 8.792 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130143.D

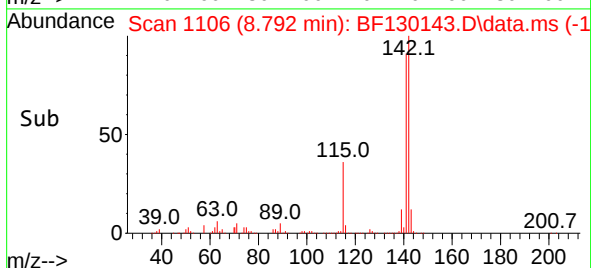
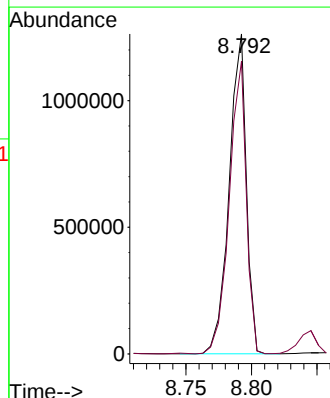
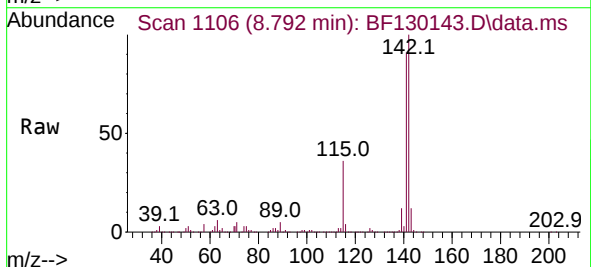
Acq: 06 Sep 2022 18:08

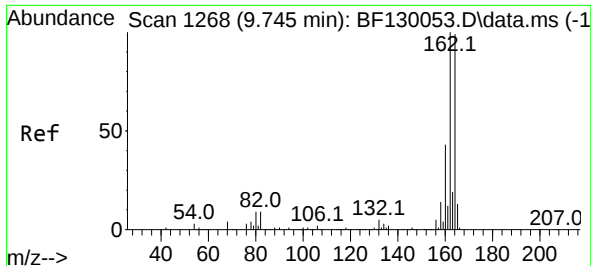
Tgt Ion:142 Resp: 1150657

Ion Ratio Lower Upper

142 100

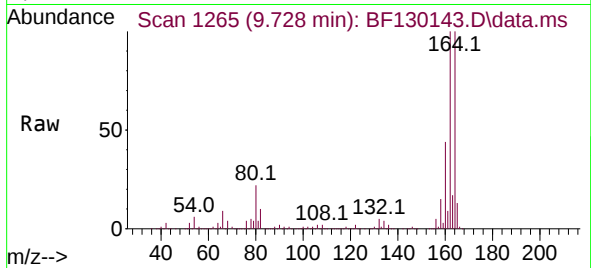
141 91.4 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

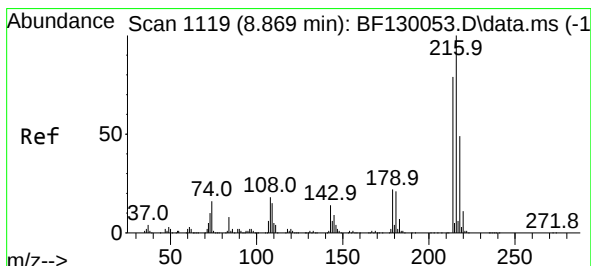
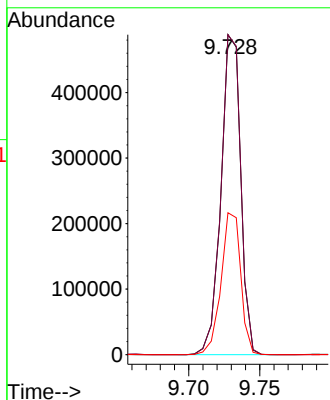
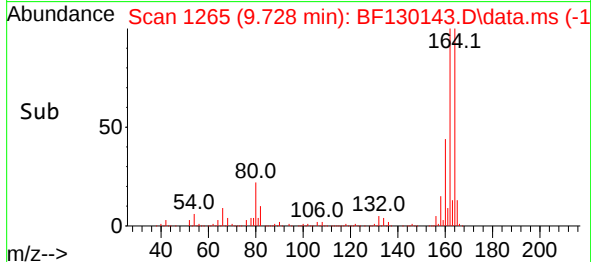
Instrument :
BNA_F
ClientSampleId :
PB147422BS



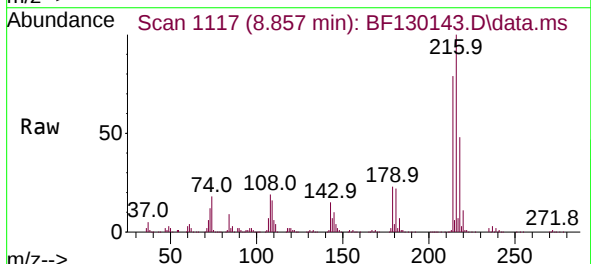
Tgt Ion:164 Resp: 470626
Ion Ratio Lower Upper
164 100
162 100.0 82.0 123.0
160 44.3 35.4 53.0

Manual Integrations
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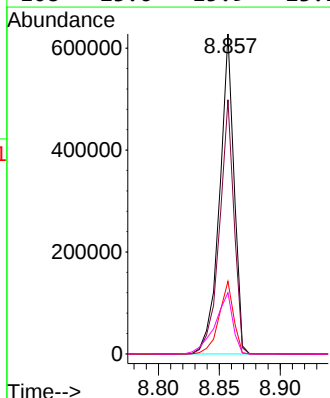
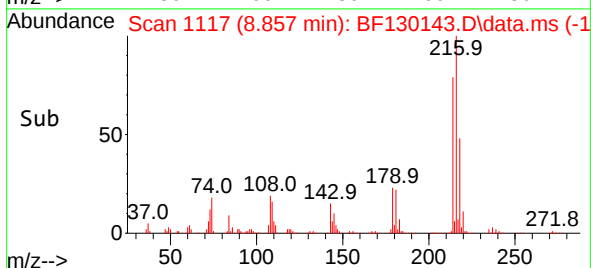
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

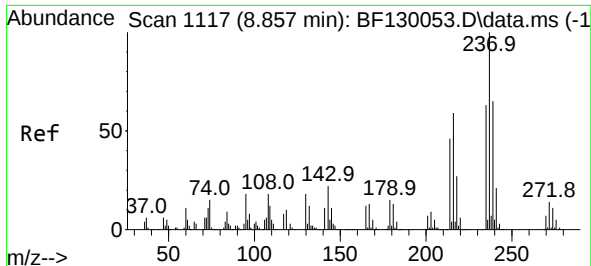


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.024 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



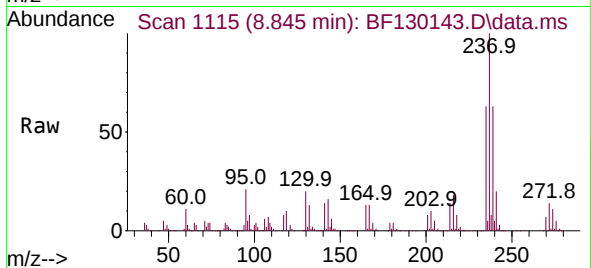
Tgt Ion:216 Resp: 515723
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 22.7 18.1 27.1
108 23.6 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 97.942 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

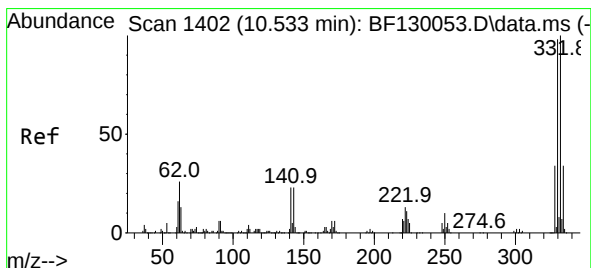
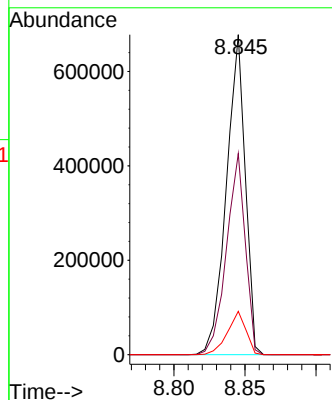
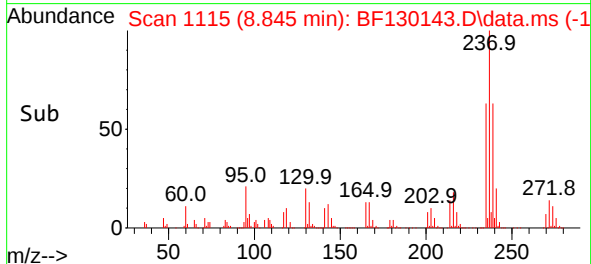
Instrument :
BNA_F
ClientSampleId :
PB147422BS



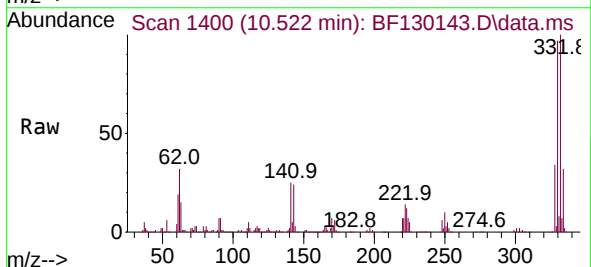
Tgt Ion:237 Resp: 628156
Ion Ratio Lower Upper
237 100
235 62.9 41.5 81.5
272 13.5 0.0 33.3

Manual Integrations
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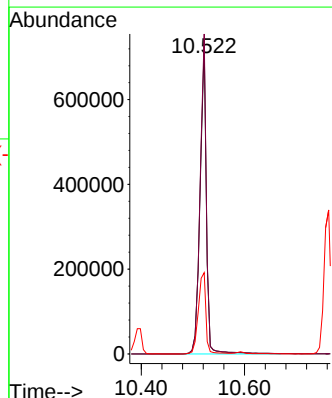
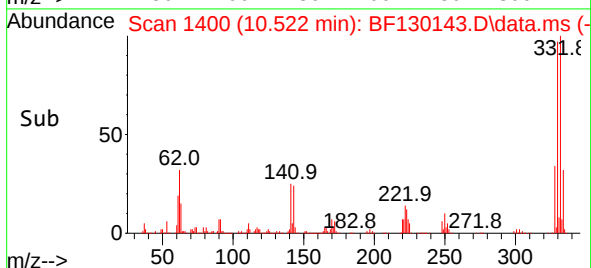
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

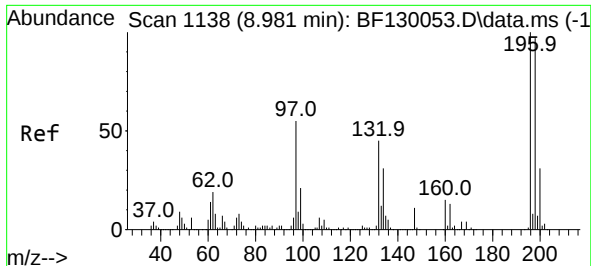


#42
2,4,6-Tribromophenol
Concen: 144.708 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



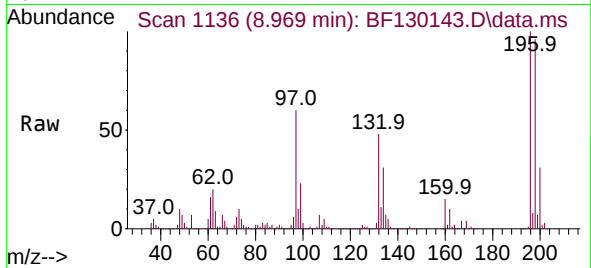
Tgt Ion:330 Resp: 619931
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 31.3 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 41.994 ng
RT: 8.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

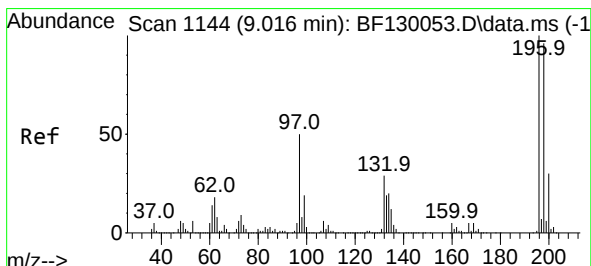
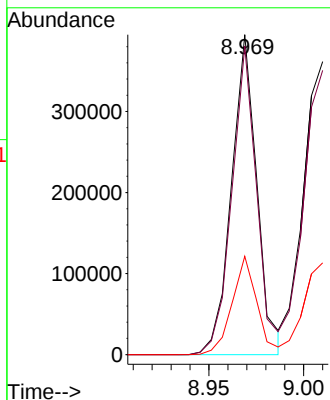
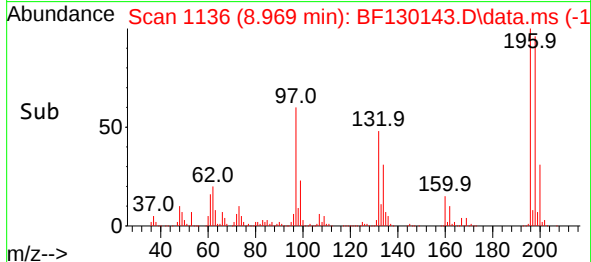
Instrument :
BNA_F
ClientSampleId :
PB147422BS



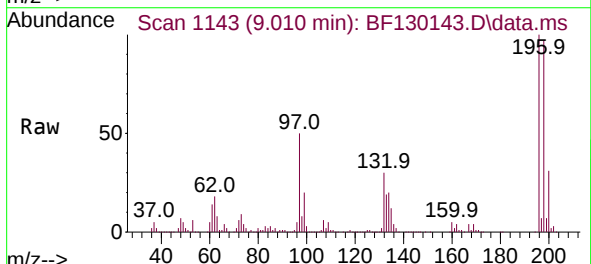
Tgt Ion:196 Resp: 36785
Ion Ratio Lower Upper
196 100
198 96.4 79.0 118.4
200 30.7 25.1 37.7

Manual Integrations
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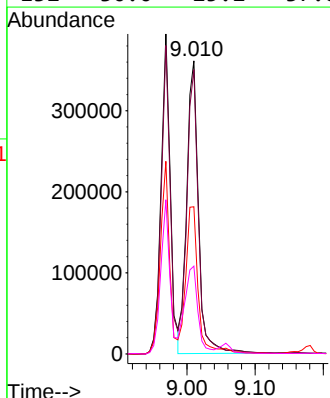
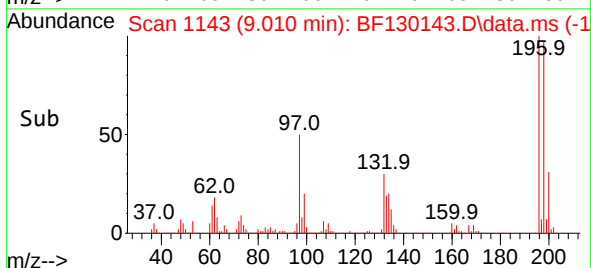
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

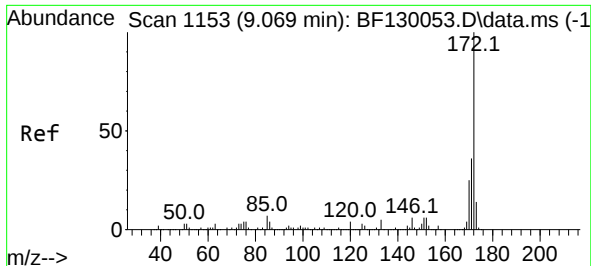


#44
2,4,5-Trichlorophenol
Concen: 45.934 ng
RT: 9.010 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



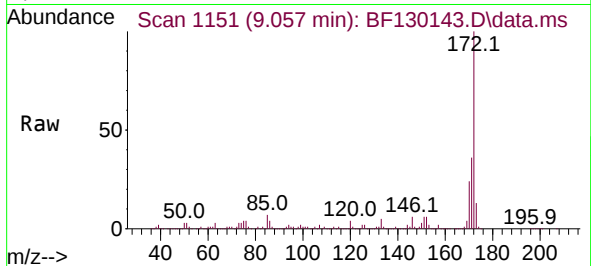
Tgt Ion:196 Resp: 436127
Ion Ratio Lower Upper
196 100
198 97.0 76.4 114.6
97 50.2 46.5 69.7
132 30.0 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 80.304 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

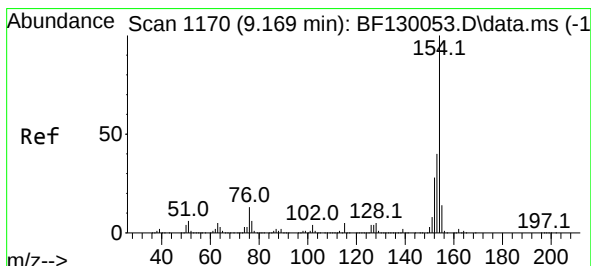
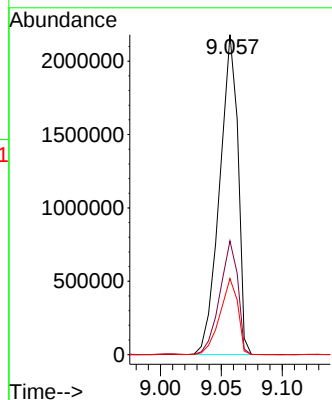
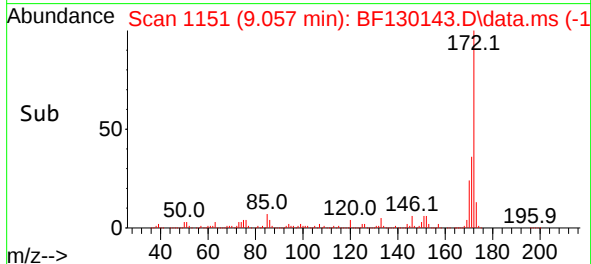
Instrument :
BNA_F
ClientSampleId :
PB147422BS



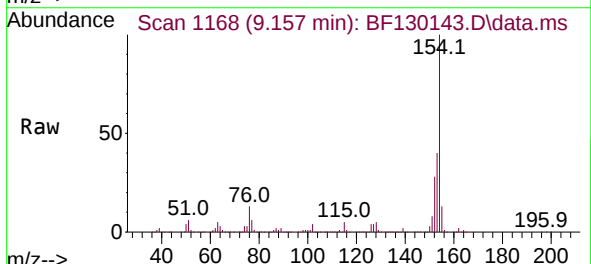
Tgt Ion:172 Resp: 2279510
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.1 28.7

Manual Integrations
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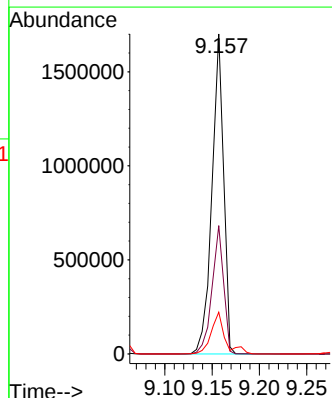
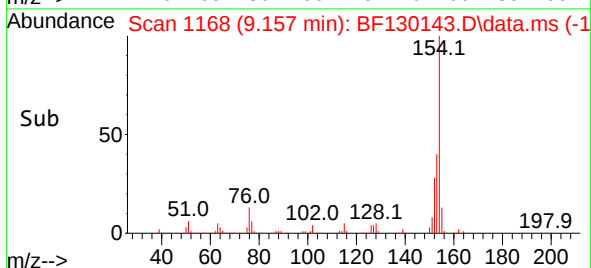
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

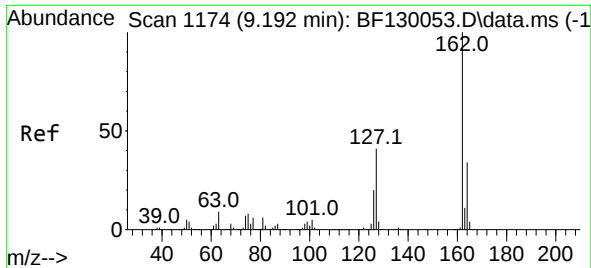


#46
1,1'-Biphenyl
Concen: 42.845 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



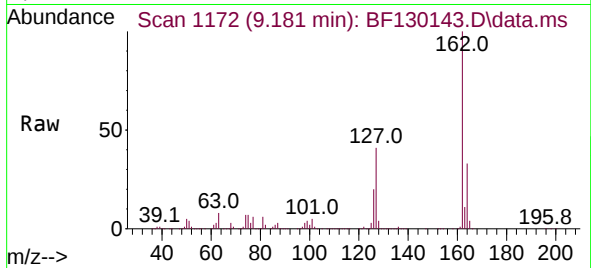
Tgt Ion:154 Resp: 1464909
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 13.0 0.0 32.1





#47
2-Chloronaphthalene
Concen: 42.282 ng
RT: 9.181 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

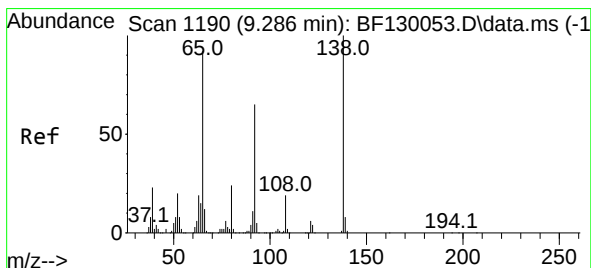
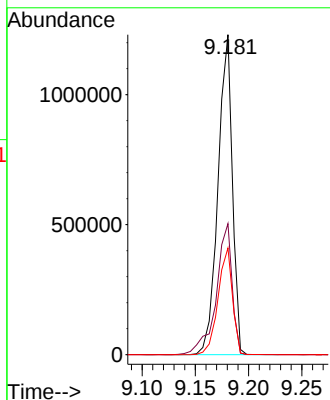
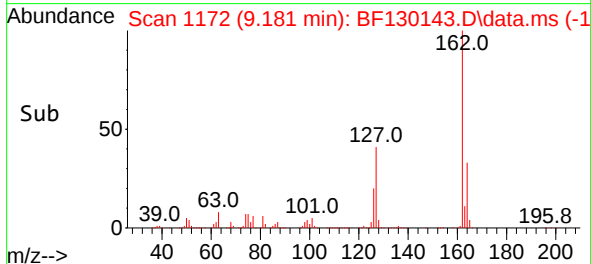
Instrument :
BNA_F
ClientSampleId :
PB147422BS



Tgt Ion: 162 Resp: 1158334
Ion Ratio Lower Upper
162 100
127 40.9 33.1 49.7
164 33.3 26.7 40.1

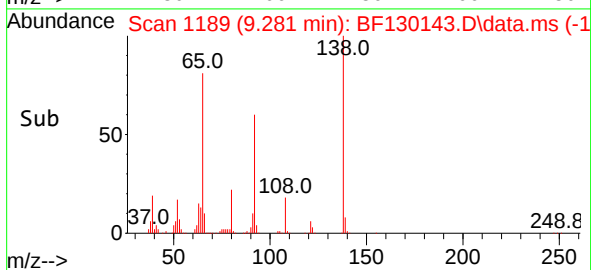
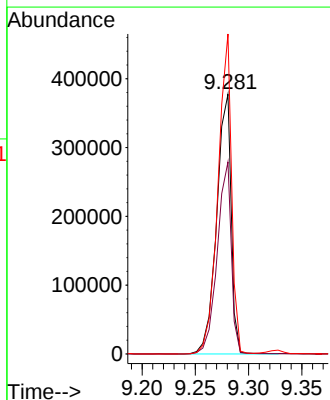
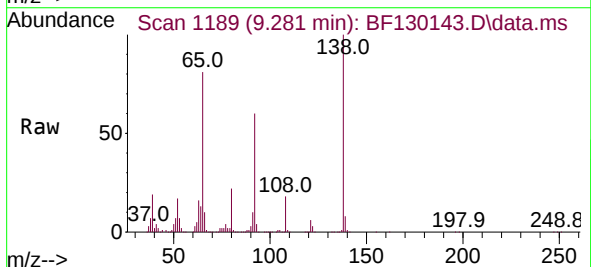
Manual Integrations
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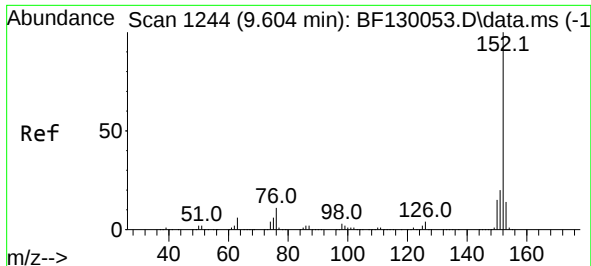
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#48
2-Nitroaniline
Concen: 52.949 ng
RT: 9.281 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 65 Resp: 357453
Ion Ratio Lower Upper
65 100
92 73.9 55.0 82.4
138 123.3 81.3 121.9#





#49

Acenaphthylene

Concen: 42.542 ng

RT: 9.592 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF130143.D

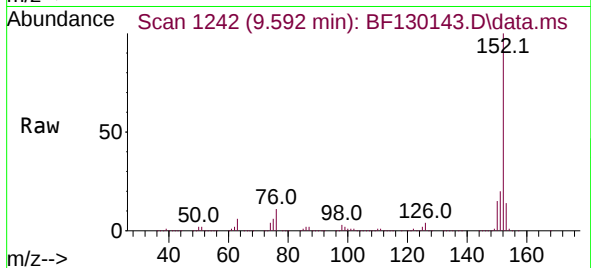
Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS



Tgt Ion:152 Resp: 176975

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

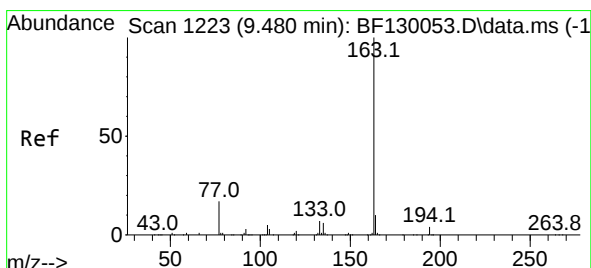
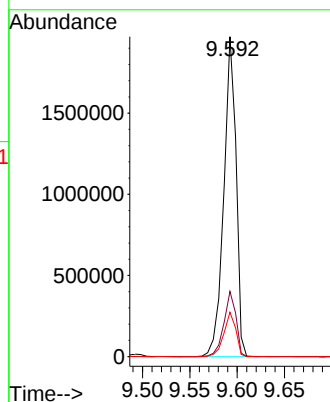
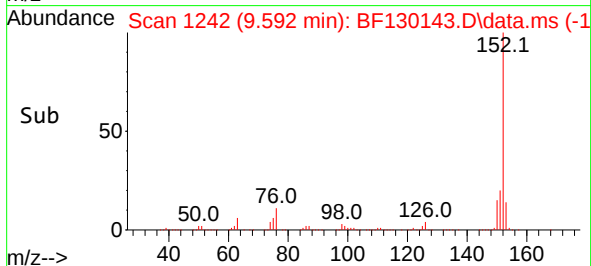
153 13.9 10.6 16.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/07/2022



#50

Dimethylphthalate

Concen: 43.181 ng

RT: 9.463 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

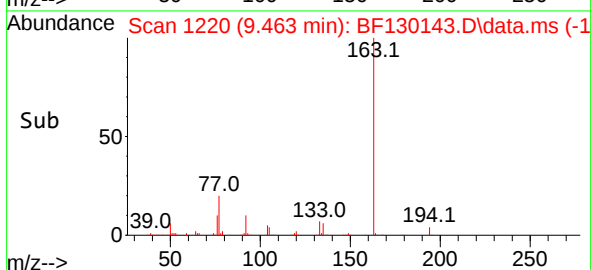
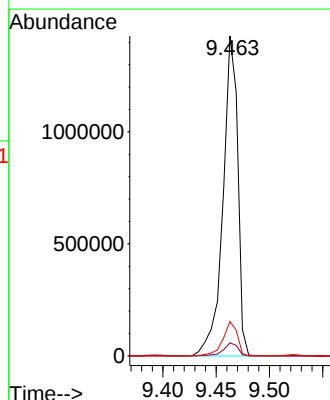
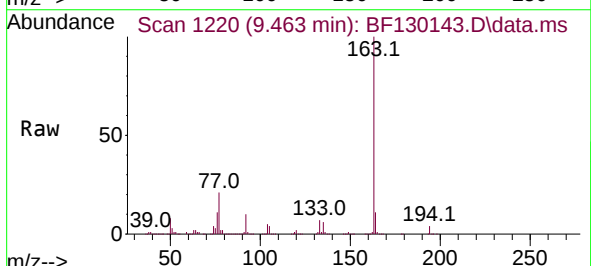
Tgt Ion:163 Resp: 1384179

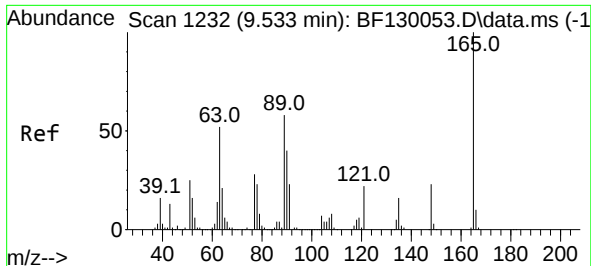
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

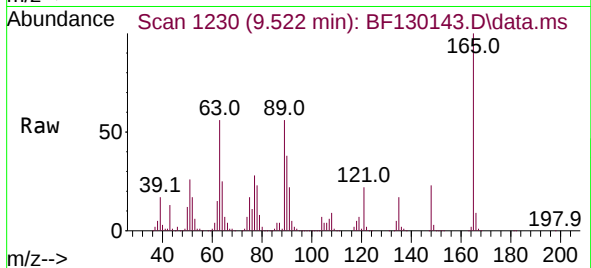
164 10.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.196 ng
RT: 9.522 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

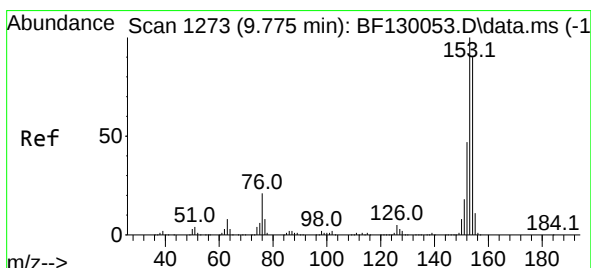
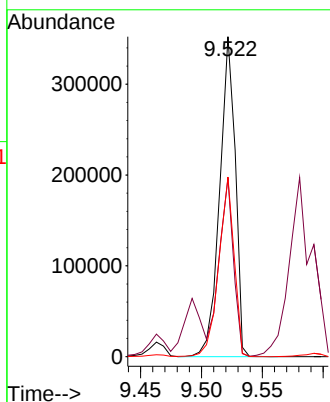
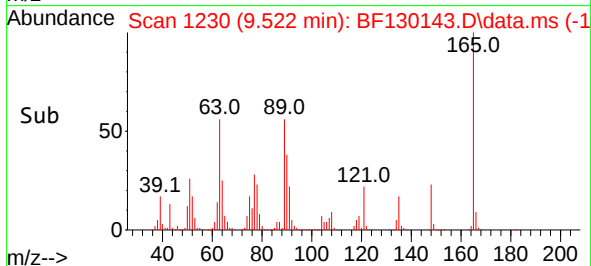
Instrument :
BNA_F
ClientSampleId :
PB147422BS



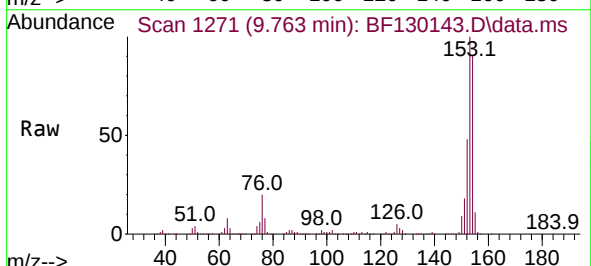
Tgt Ion:165 Resp: 313712
Ion Ratio Lower Upper
165 100
63 55.8 47.8 71.8
89 56.1 47.2 70.8

Manual Integrations
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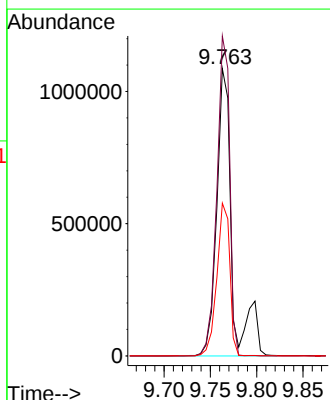
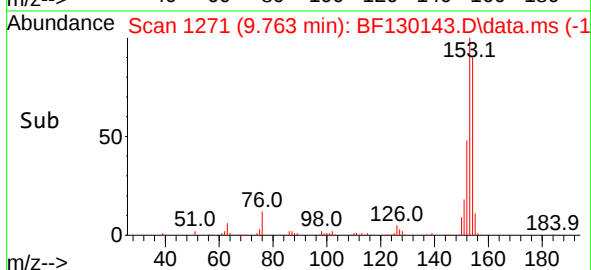
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

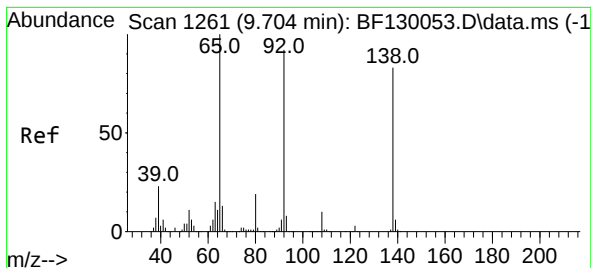


#52
Acenaphthene
Concen: 47.446 ng m
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



Tgt Ion:154 Resp: 1243933
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.6
152 53.2 42.1 63.1





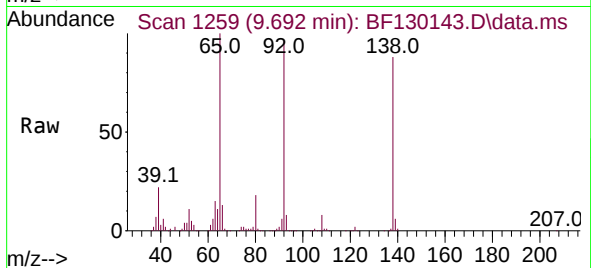
#53
3-Nitroaniline
Concen: 42.831 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

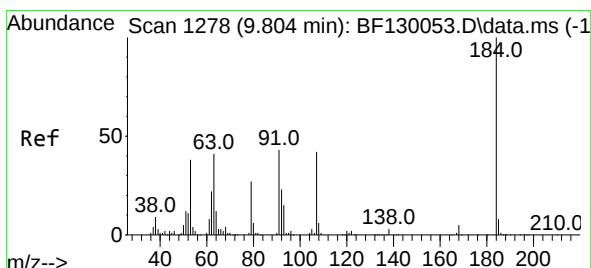
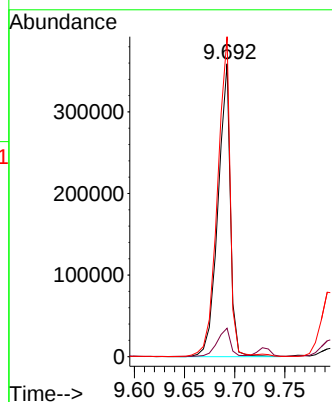
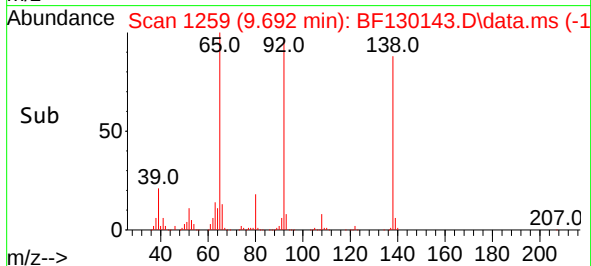


Tgt Ion:138 Resp: 307248
Ion Ratio Lower Upper
138 100
108 9.7 8.4 12.6
92 109.2 89.8 134.8

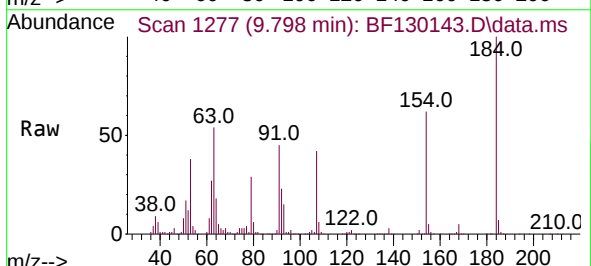
Manual Integrations

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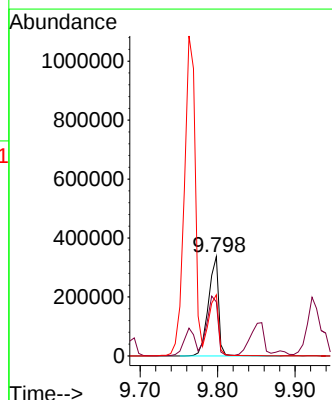
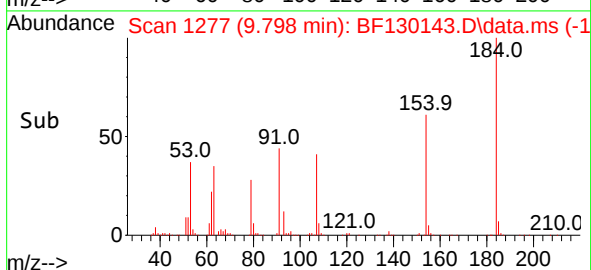
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

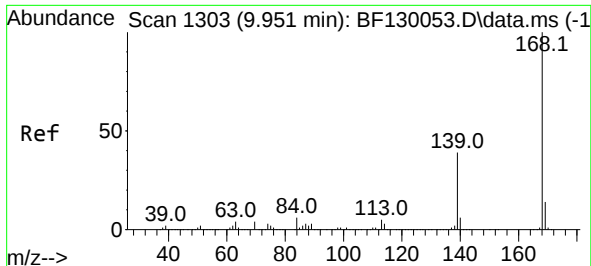


#54
2,4-Dinitrophenol
Concen: 105.424 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



Tgt Ion:184 Resp: 307247
Ion Ratio Lower Upper
184 100
63 54.5 59.6 89.4#
154 61.5 55.3 82.9





#55

Dibenzenofuran

Concen: 43.352 ng

RT: 9.939 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

Tgt Ion:168 Resp: 1627539

Ion Ratio Lower Upper

168 100

139 38.0 31.3 46.9

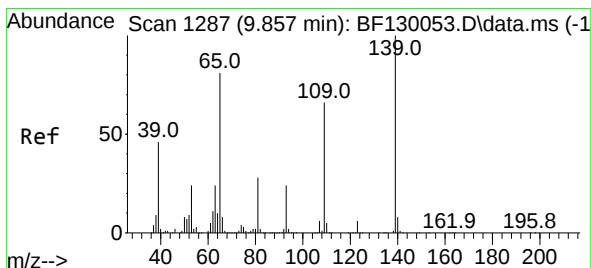
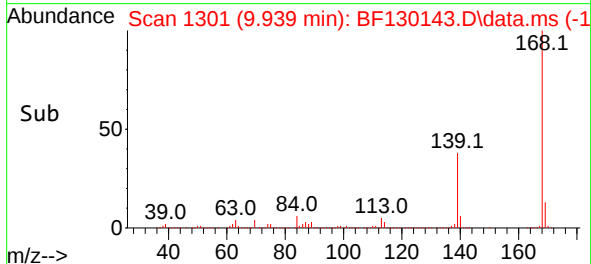
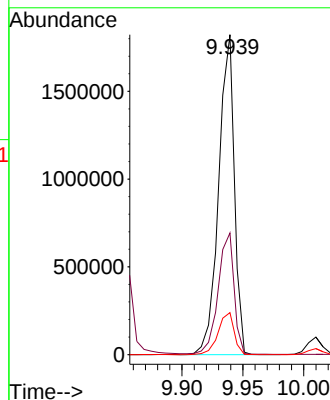
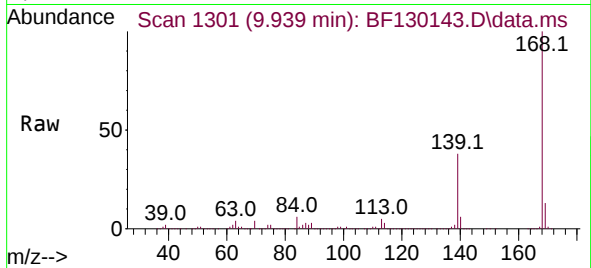
169 13.1 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#56

4-Nitrophenol

Concen: 99.742 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.012 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

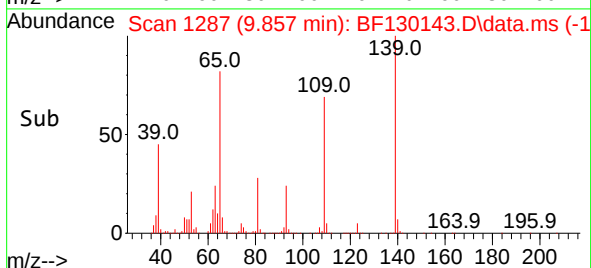
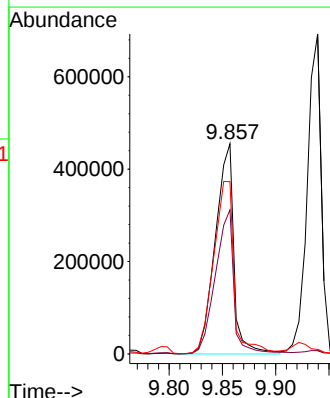
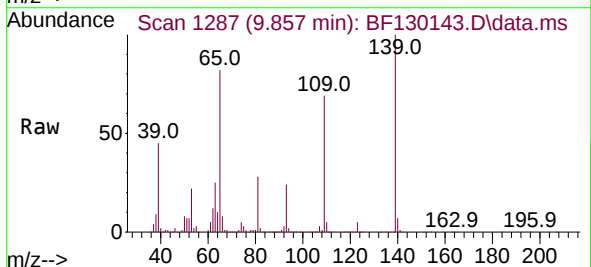
Tgt Ion:139 Resp: 551624

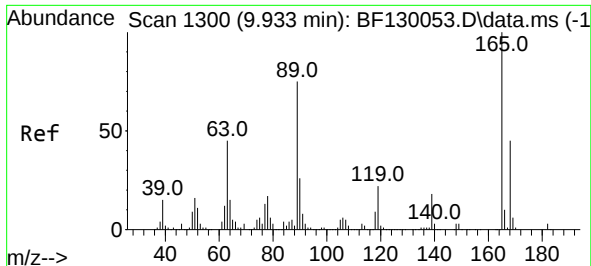
Ion Ratio Lower Upper

139 100

109 68.5 52.9 92.9

65 81.9 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 57.447 ng

RT: 9.922 min Scan# 1300

Delta R.T. 0.000 min

Lab File: BF130143.D

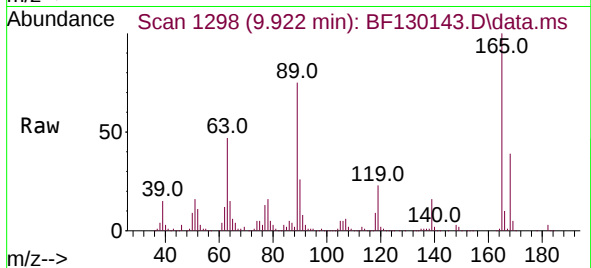
Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS



Tgt Ion:165 Resp: 413362

Ion Ratio Lower Upper

165 100

63 46.7 48.4 72.6

89 74.6 62.3 93.5

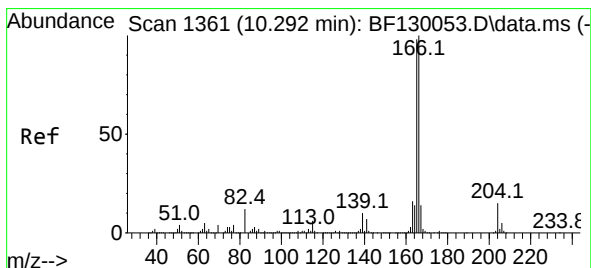
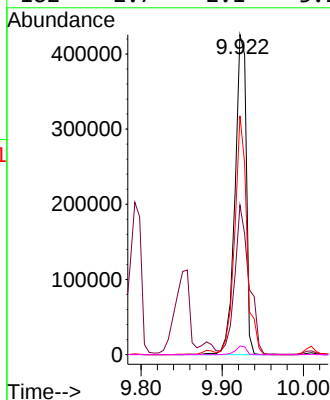
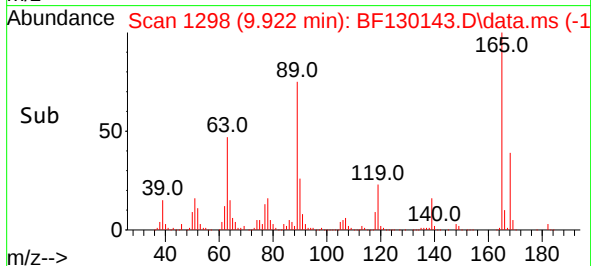
182 2.7 2.1 3.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#58

Fluorene

Concen: 42.249 ng

RT: 10.281 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

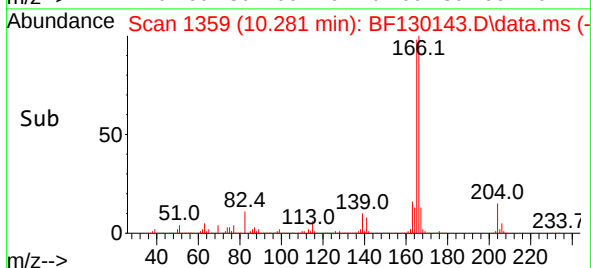
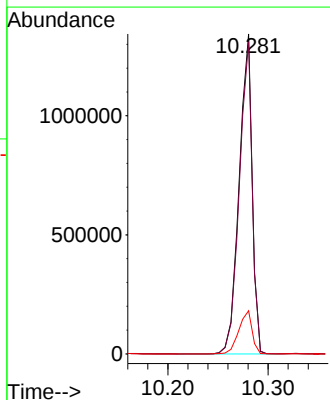
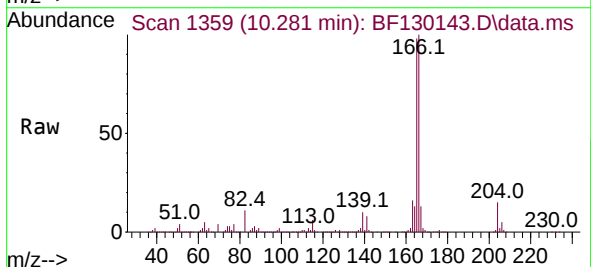
Tgt Ion:166 Resp: 1206837

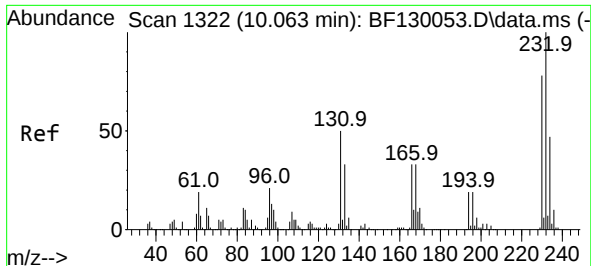
Ion Ratio Lower Upper

166 100

165 97.5 77.9 116.9

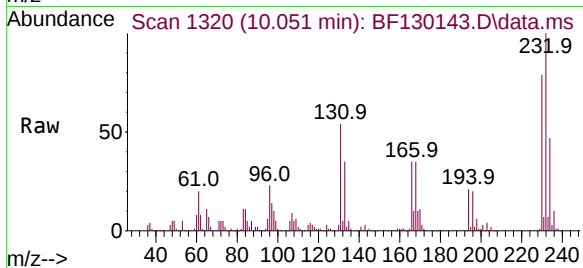
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.843 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

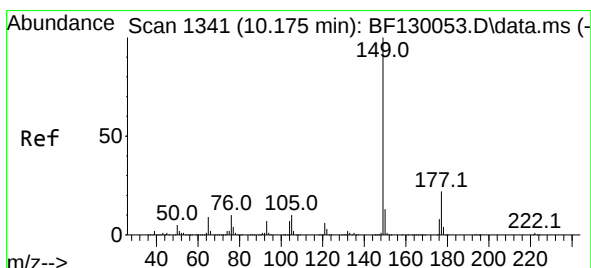
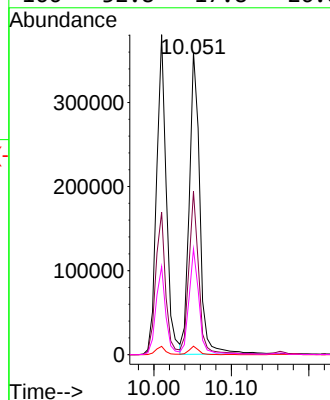
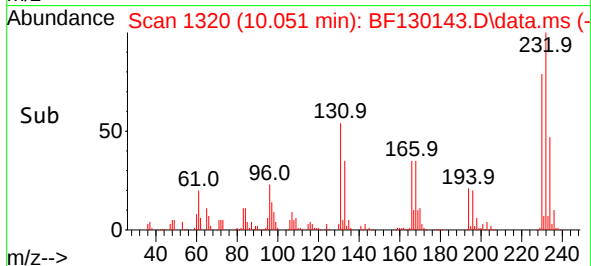
Instrument :
BNA_F
ClientSampleId :
PB147422BS



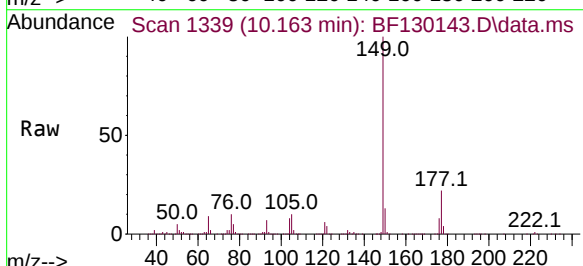
Tgt Ion:232 Resp: 338063
Ion Ratio Lower Upper
232 100
131 49.9 29.9 44.9
130 2.5 1.5 2.3
166 32.8 17.8 26.8

Manual Integrations
APPROVED

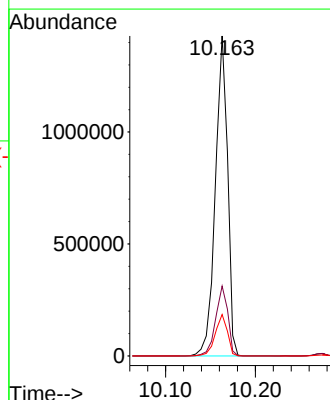
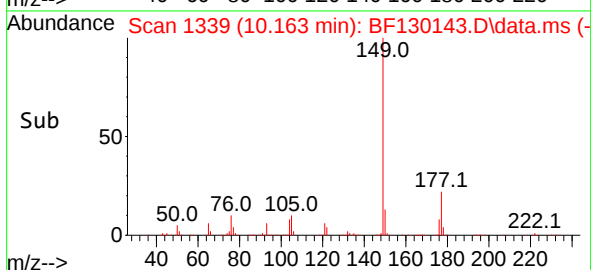
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

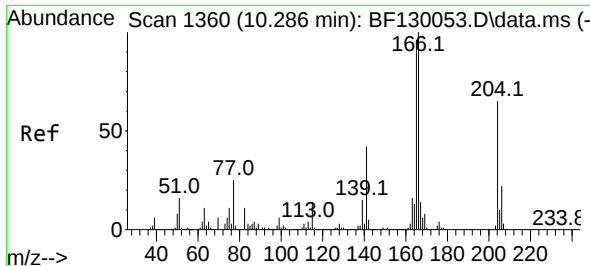


#60
Diethylphthalate
Concen: 43.589 ng
RT: 10.163 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



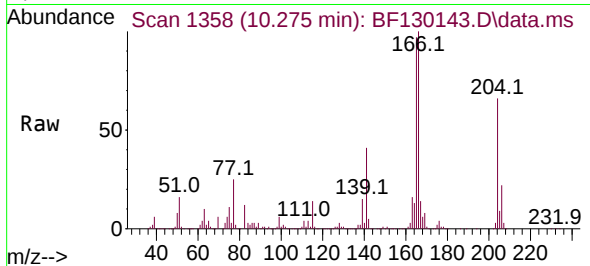
Tgt Ion:149 Resp: 1351756
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.982 ng
RT: 10.275 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

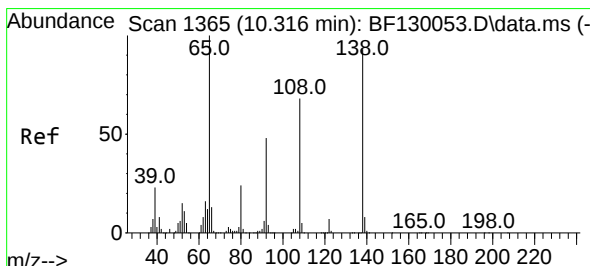
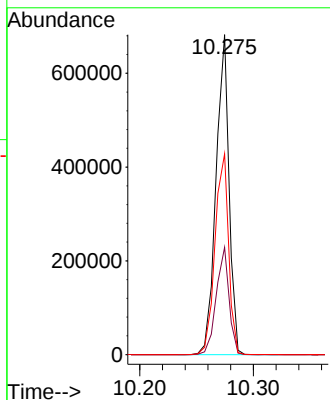
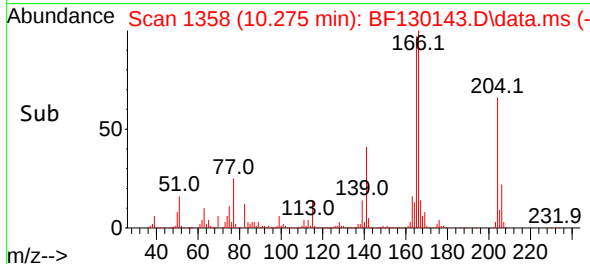
Instrument :
BNA_F
ClientSampleId :
PB147422BS



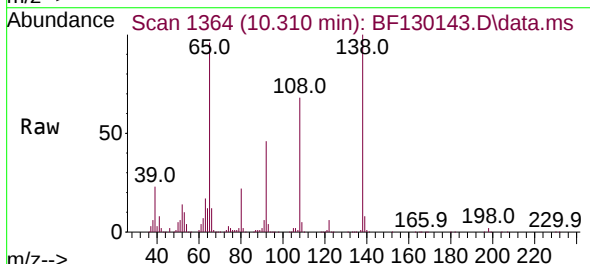
Tgt Ion: 204 Resp: 542755
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 62.7 52.6 79.0

Manual Integrations
APPROVED

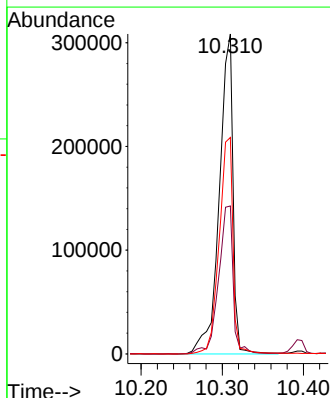
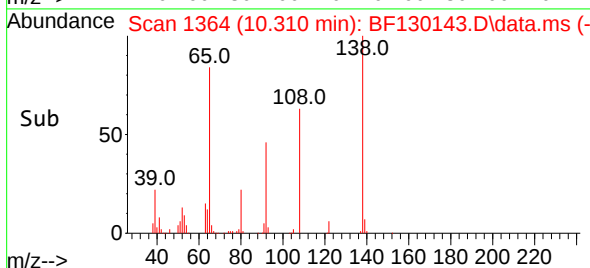
Reviewed By : Christian Giraldo 09/07/2022
Supervised By : Jagrut Upadhyay 09/07/2022

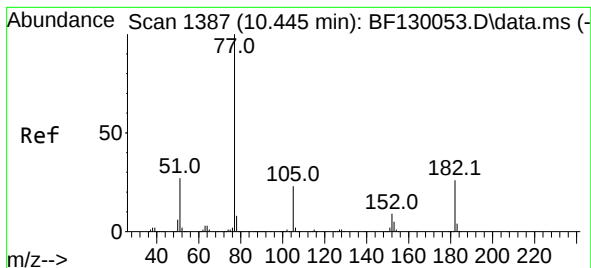


#62
4-Nitroaniline
Concen: 51.479 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



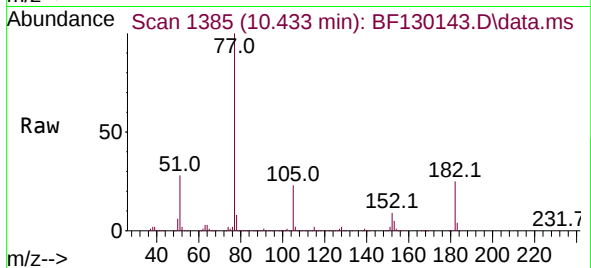
Tgt Ion: 138 Resp: 359145
Ion Ratio Lower Upper
138 100
92 46.2 30.3 70.3
108 67.6 55.7 95.7





#63
Azobenzene
Concen: 42.247 ng
RT: 10.433 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

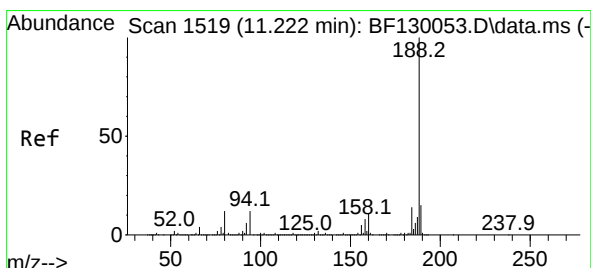
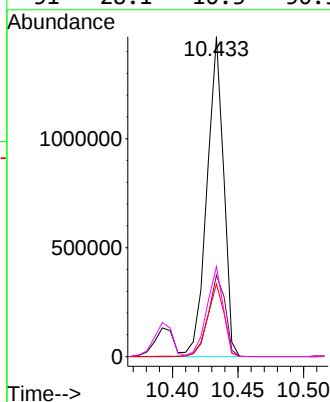
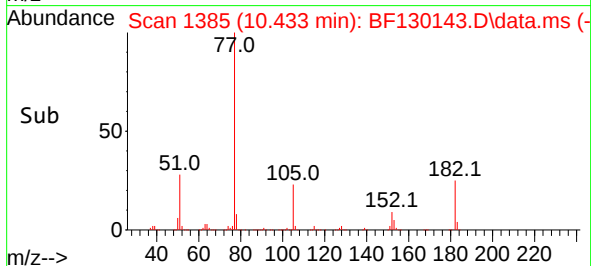
Instrument :
BNA_F
ClientSampleId :
PB147422BS



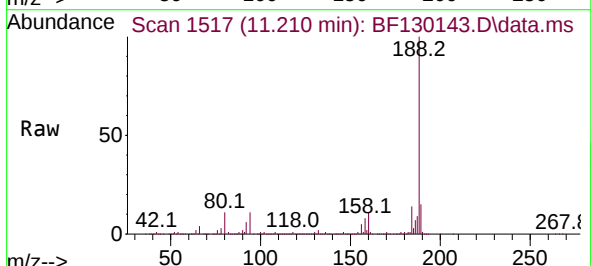
Tgt Ion: 77 Resp: 1289924
Ion Ratio Lower Upper
77 100
182 25.5 2.2 42.2
105 22.7 0.8 40.8
51 28.1 10.3 50.3

Manual Integrations
APPROVED

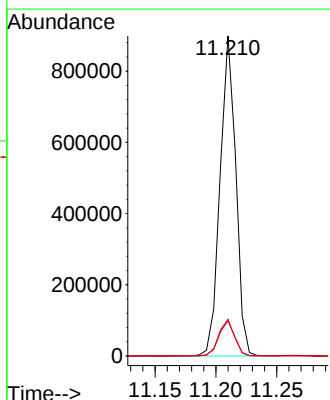
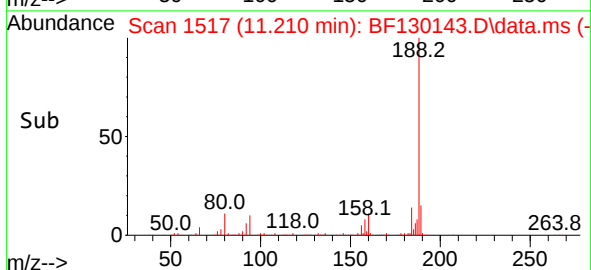
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

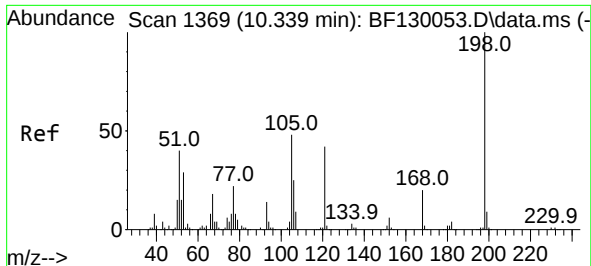


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



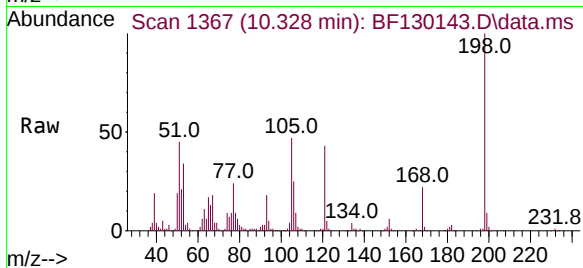
Tgt Ion:188 Resp: 809921
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.2
80 11.4 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 49.479 ng
RT: 10.328 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

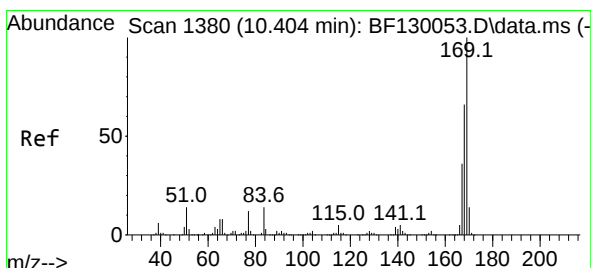
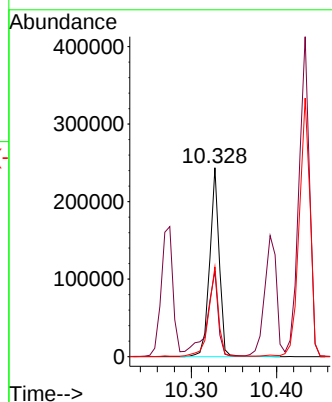
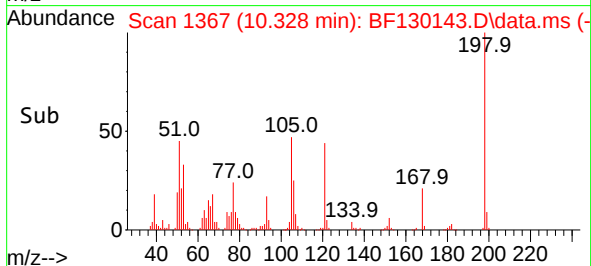
Instrument :
BNA_F
ClientSampleId :
PB147422BS



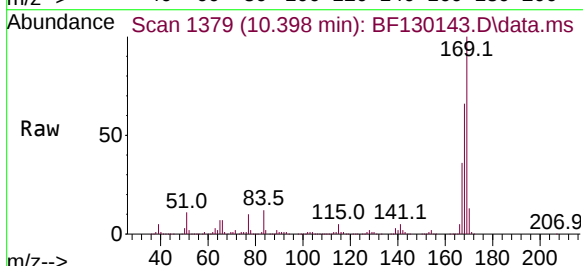
Tgt Ion:198 Resp: 189480
Ion Ratio Lower Upper
198 100
51 45.3 29.4 69.4
105 47.4 29.2 69.2

Manual Integrations
APPROVED

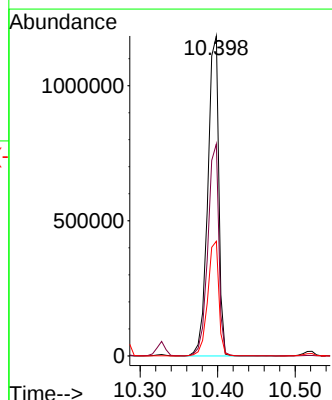
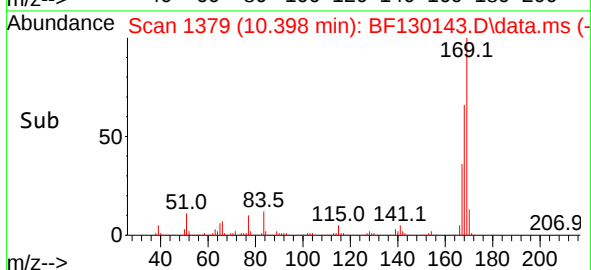
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

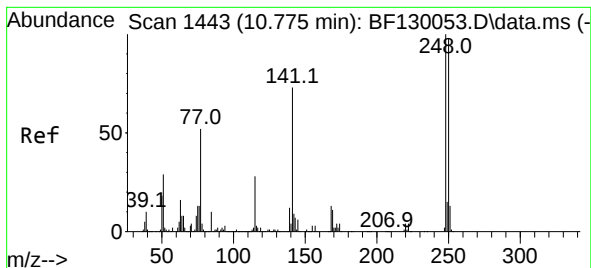


#66
n-Nitrosodiphenylamine
Concen: 42.835 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



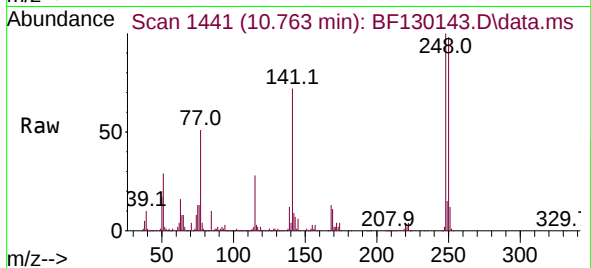
Tgt Ion:169 Resp: 1159763
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 35.8 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 43.144 ng
RT: 10.763 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

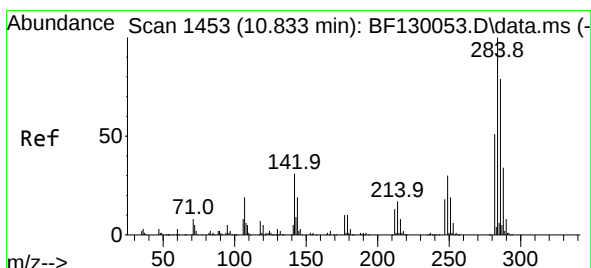
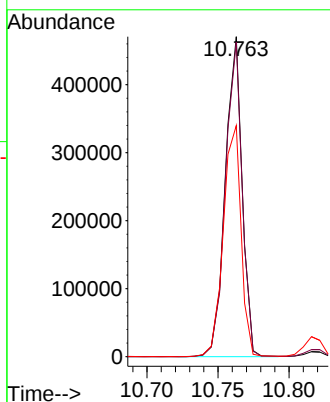
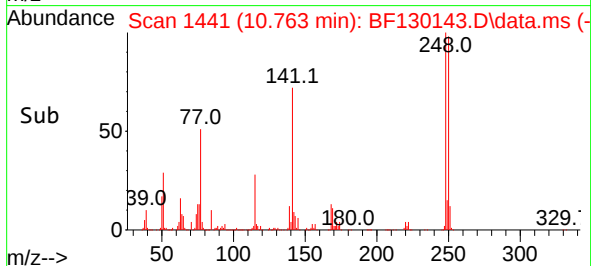
Instrument :
BNA_F
ClientSampleId :
PB147422BS



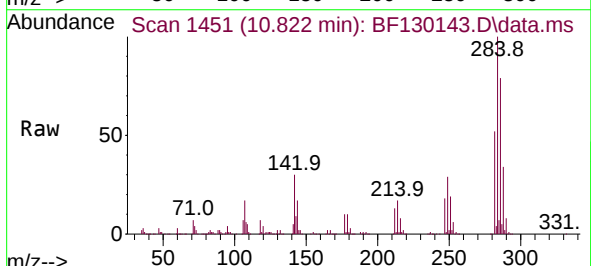
Tgt Ion:248 Resp: 388674
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.6
141 72.2 66.2 99.2

Manual Integrations
APPROVED

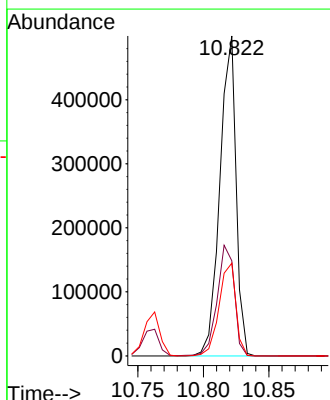
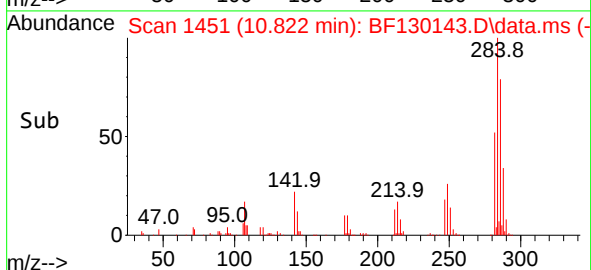
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

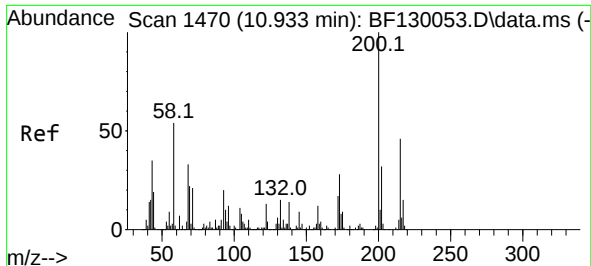


#68
Hexachlorobenzene
Concen: 43.852 ng
RT: 10.822 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



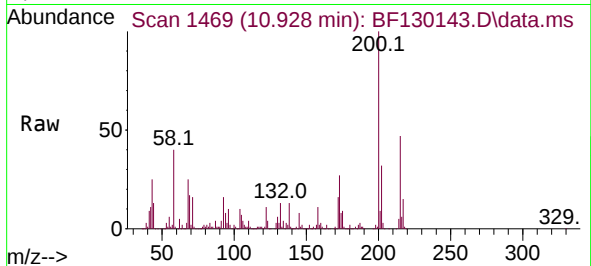
Tgt Ion:284 Resp: 430460
Ion Ratio Lower Upper
284 100
142 29.7 31.4 47.0#
249 29.0 25.7 38.5





#69
 Atrazine
 Concen: 46.564 ng
 RT: 10.928 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

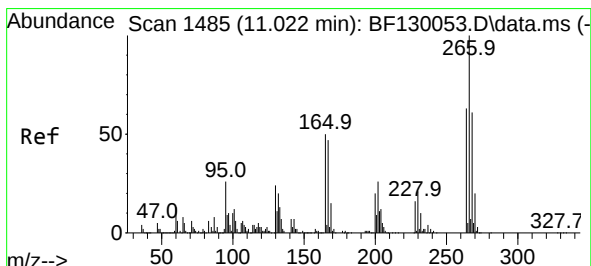
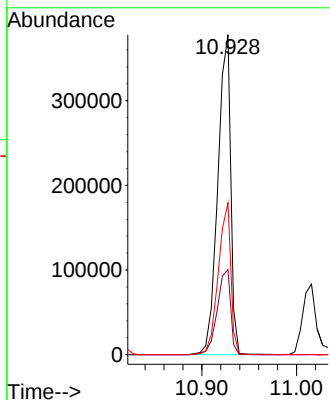
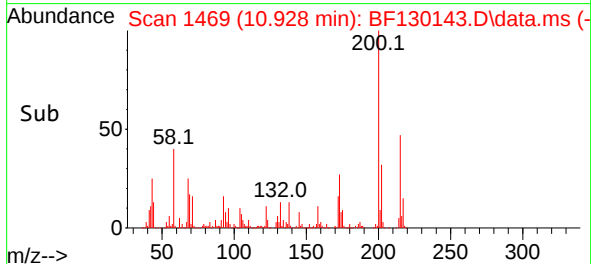
Instrument :
 BNA_F
 ClientSampleId :
 PB147422BS



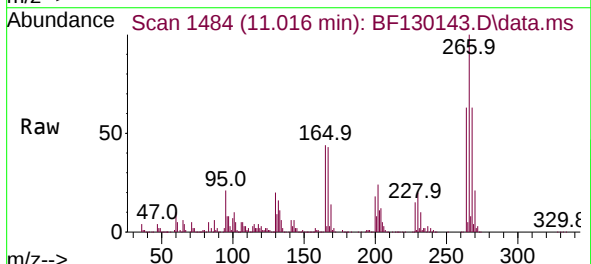
Tgt Ion:200 Resp: 356662
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.4 46.4
 215 47.4 27.1 67.1

Manual Integrations
 APPROVED

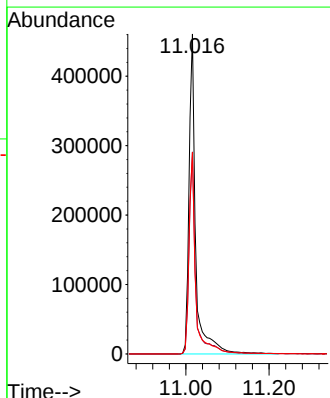
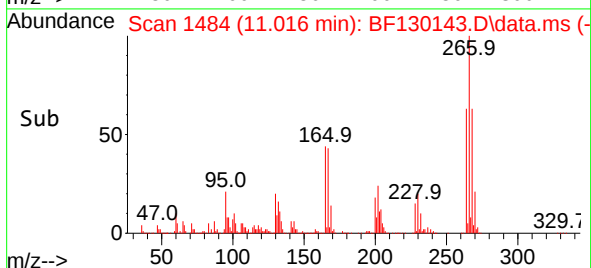
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

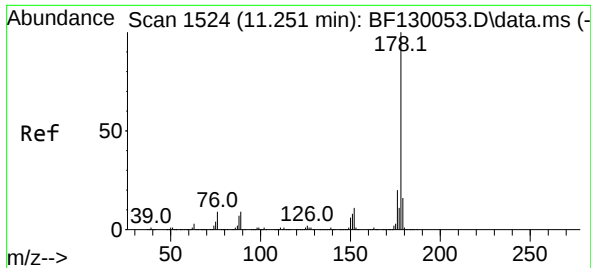


#70
 Pentachlorophenol
 Concen: 93.090 ng
 RT: 11.016 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08



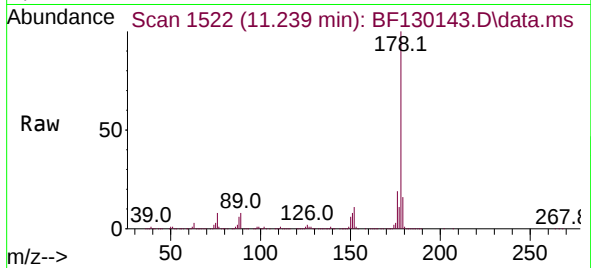
Tgt Ion:266 Resp: 510980
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.0 73.4
 264 62.9 47.9 71.9





#71
Phenanthrene
Concen: 42.007 ng
RT: 11.239 min Scan# 11239
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

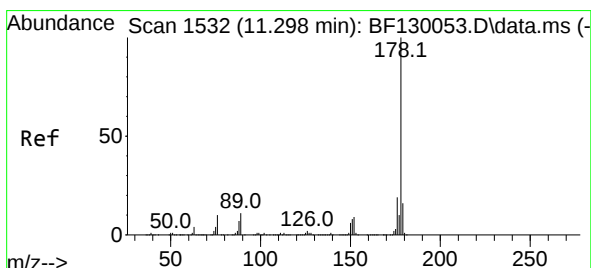
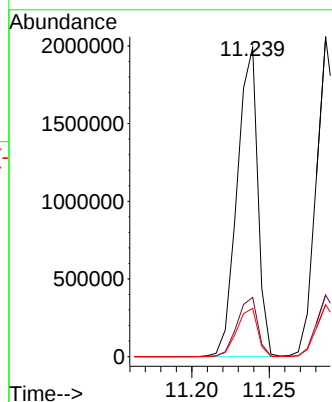
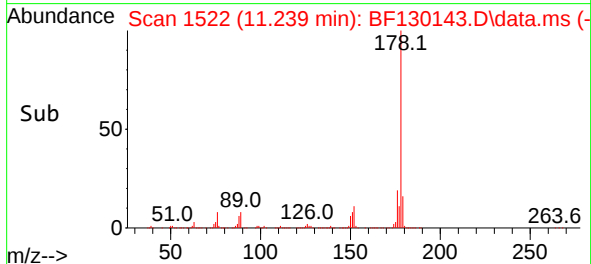
Instrument :
BNA_F
ClientSampleId :
PB147422BS



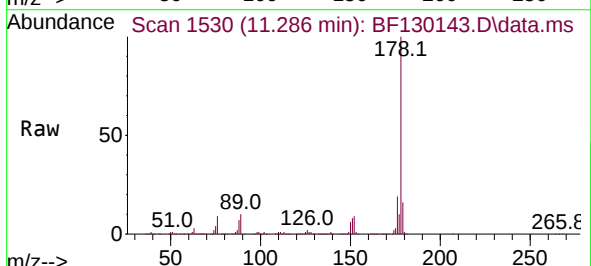
Tgt Ion:178 Resp: 1845097
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.5 18.7

Manual Integrations
APPROVED

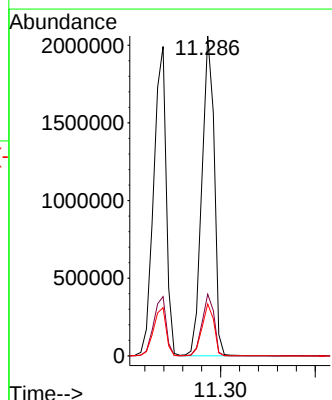
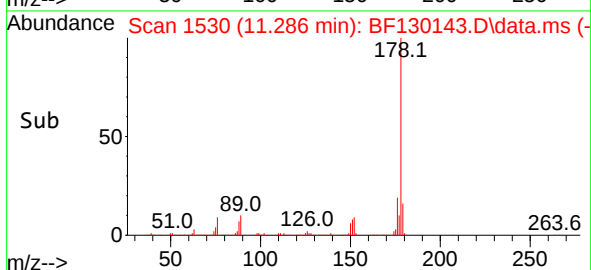
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

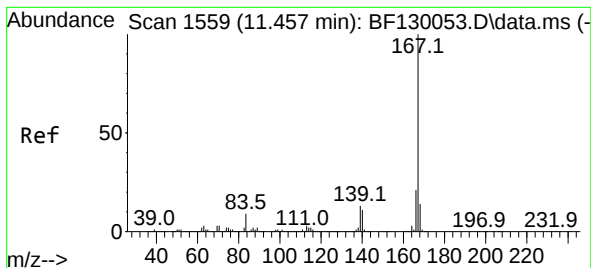


#72
Anthracene
Concen: 43.055 ng
RT: 11.286 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



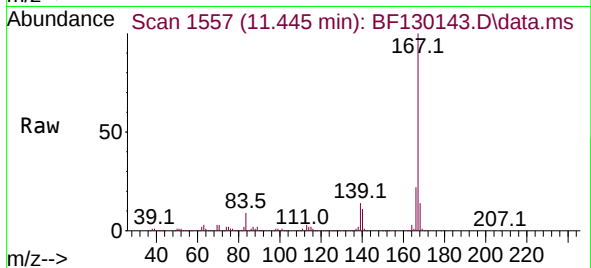
Tgt Ion:178 Resp: 1859038
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.2 12.6 18.8





#73
 Carbazole
 Concen: 44.292 ng
 RT: 11.445 min Scan# 1557
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

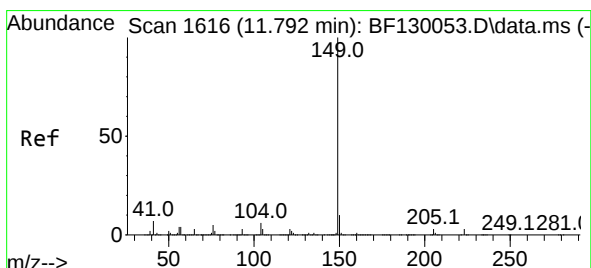
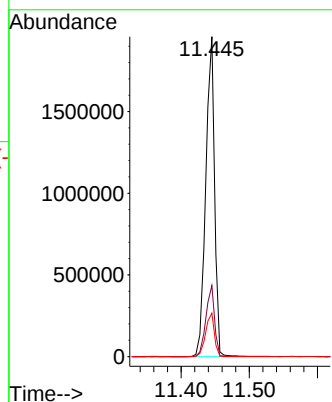
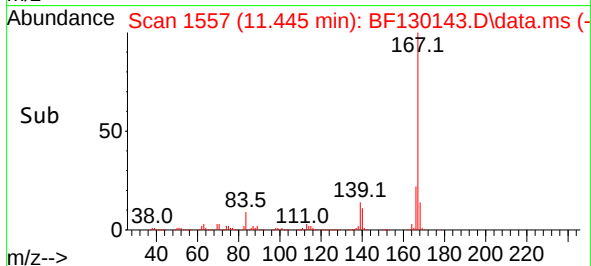
Instrument :
 BNA_F
 ClientSampleId :
 PB147422BS



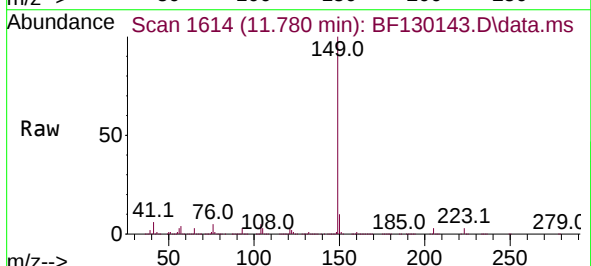
Tgt Ion:167 Resp: 1763569
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.1 25.7
 139 13.6 11.0 16.6

Manual Integrations
 APPROVED

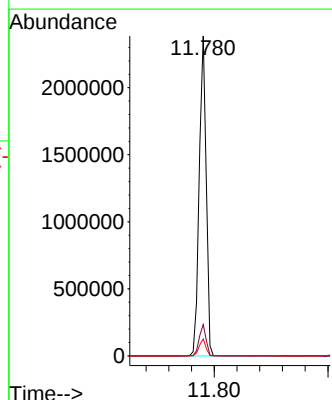
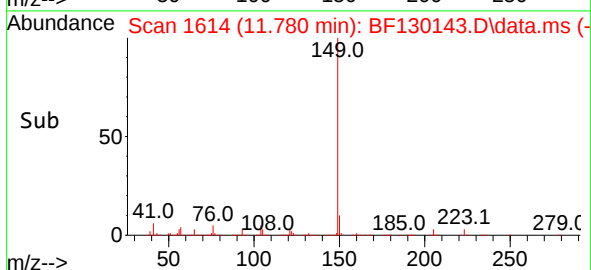
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

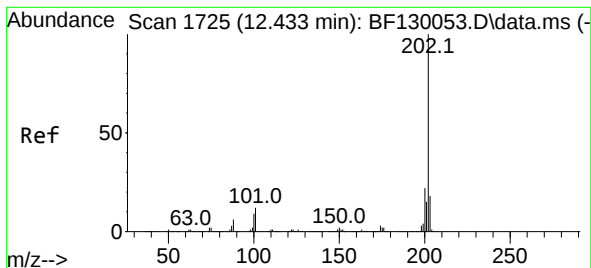


#74
 Di-n-butylphthalate
 Concen: 41.924 ng
 RT: 11.780 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08



Tgt Ion:149 Resp: 2012905
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 43.623 ng

RT: 12.416 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

Tgt Ion:202 Resp: 1900000

Ion Ratio Lower Upper

202 100

101 13.5 0.0 30.7

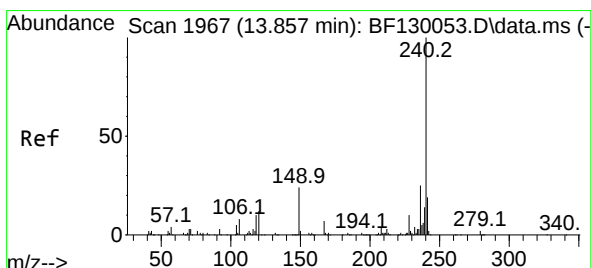
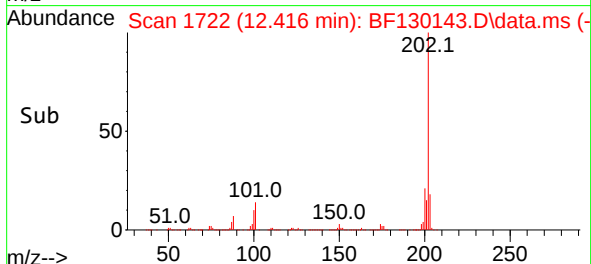
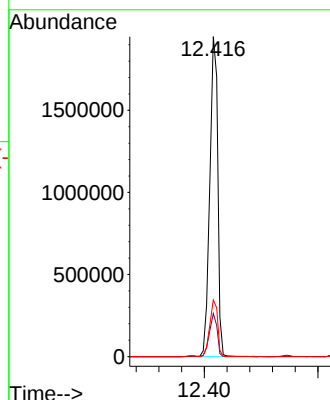
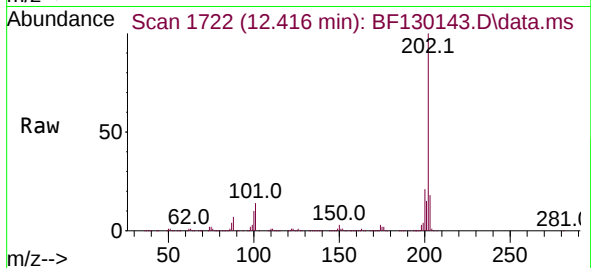
203 17.7 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

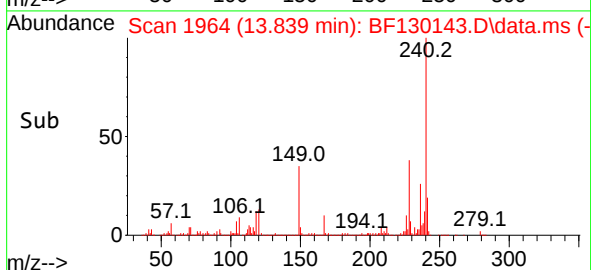
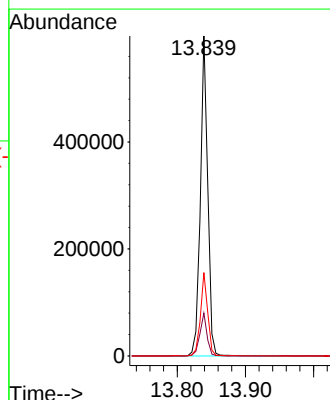
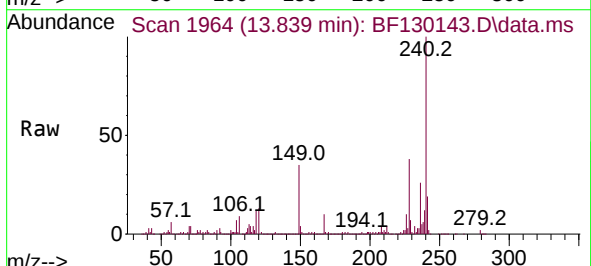
Tgt Ion:240 Resp: 447989

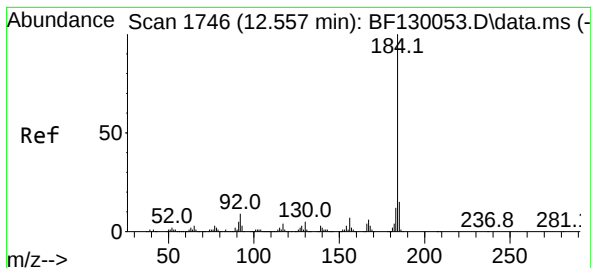
Ion Ratio Lower Upper

240 100

120 13.4 9.2 13.8

236 26.0 20.7 31.1





#77

Benzidine

Concen: 78.649 ng

RT: 12.545 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

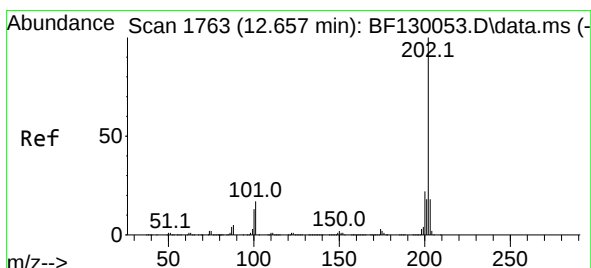
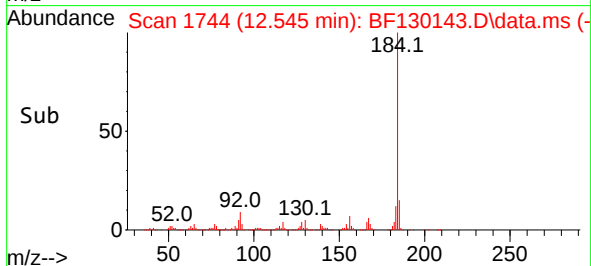
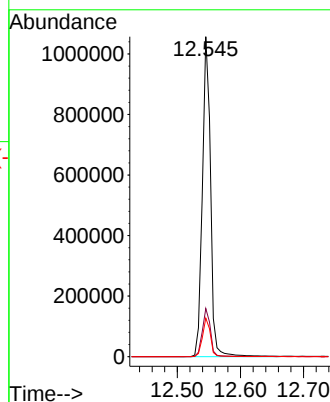
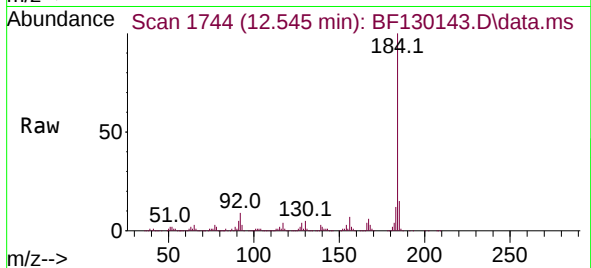
PB147422BS

Tgt Ion:184 Resp: 951282
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.4 17.2
 183 12.0 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022



#78

Pyrene

Concen: 46.566 ng

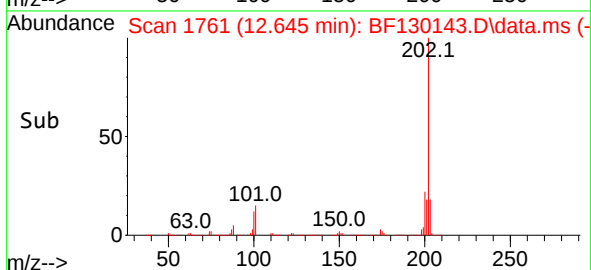
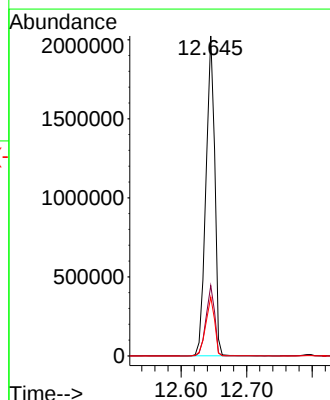
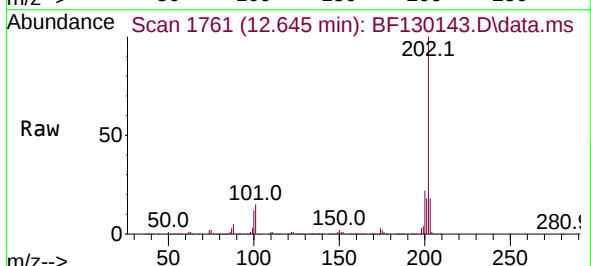
RT: 12.645 min Scan# 1761

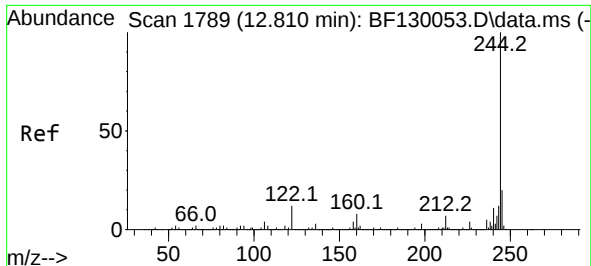
Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

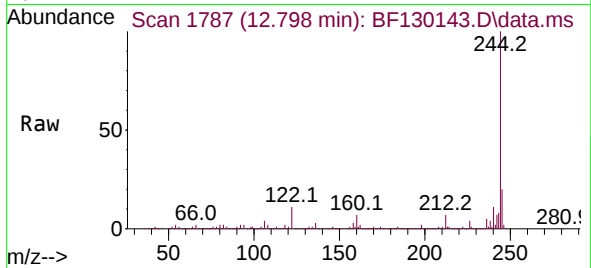
Tgt Ion:202 Resp: 1871123
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.0 25.6
 203 18.4 14.1 21.1





#79
Terphenyl-d14
Concen: 94.381 ng
RT: 12.798 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

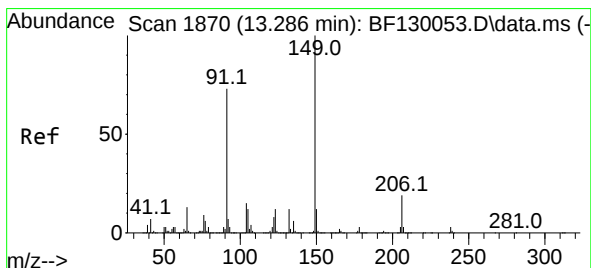
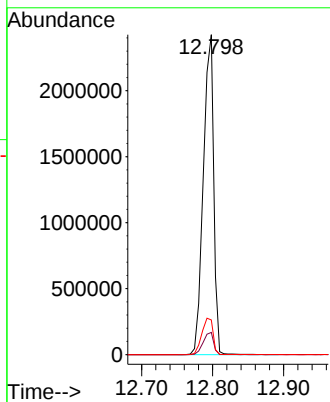
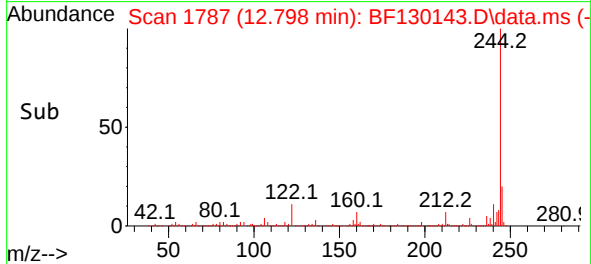
Instrument :
BNA_F
ClientSampleId :
PB147422BS



Tgt Ion:244 Resp: 2438213
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.8 9.9 14.9

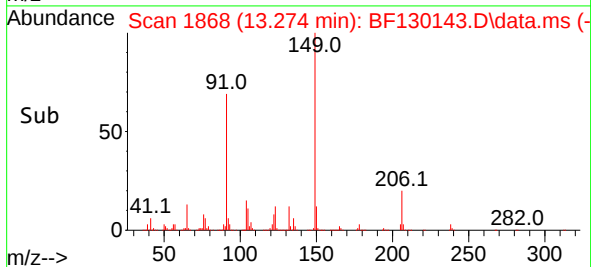
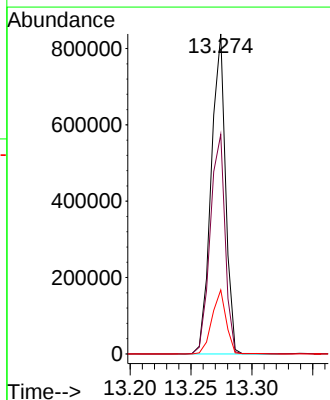
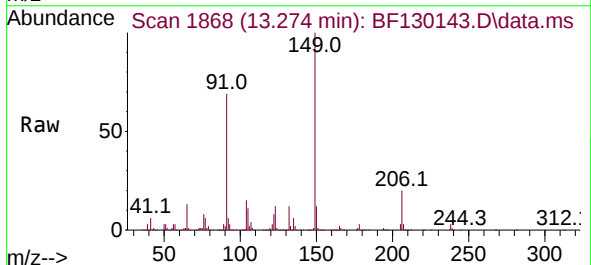
Manual Integrations
APPROVED

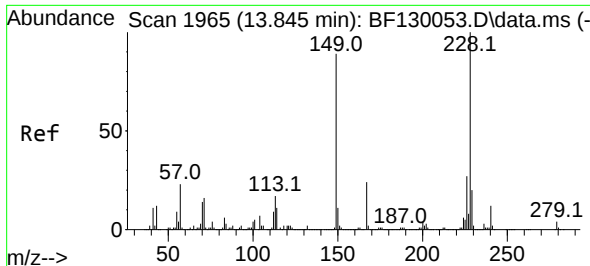
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#80
Butylbenzylphthalate
Concen: 43.212 ng
RT: 13.274 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

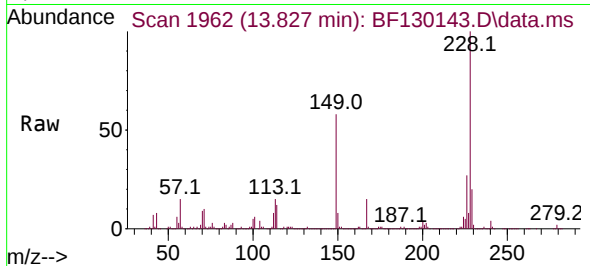
Tgt Ion:149 Resp: 690643
Ion Ratio Lower Upper
149 100
91 68.6 55.4 83.0
206 20.0 15.8 23.6





#81
Benzo(a)anthracene
Concen: 42.770 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

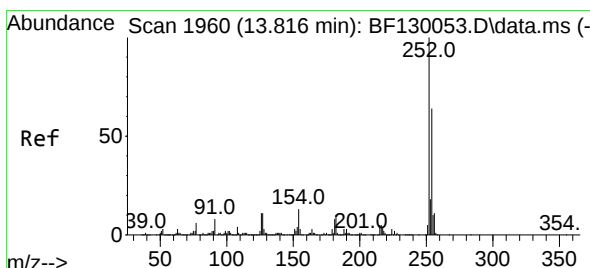
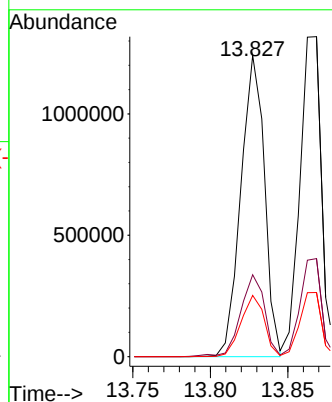
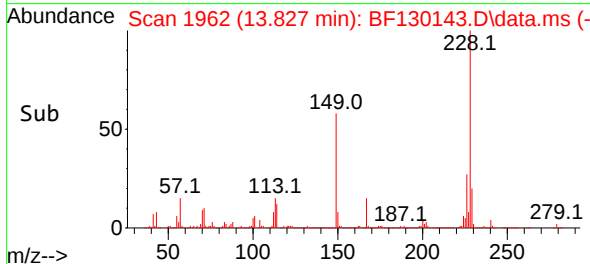
Instrument :
BNA_F
ClientSampleId :
PB147422BS



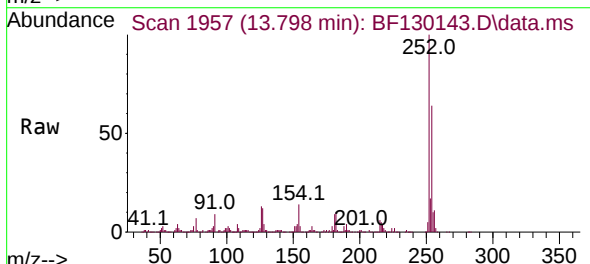
Tgt Ion:228 Resp: 1313081
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 20.3 16.1 24.1

Manual Integrations
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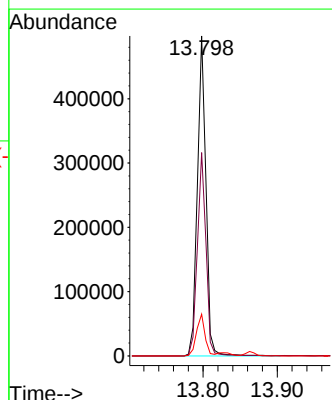
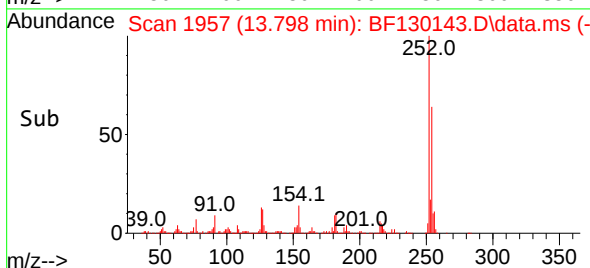
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

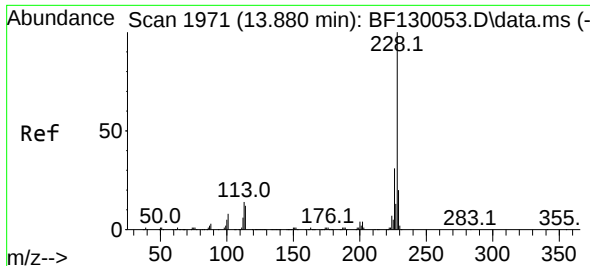


#82
3,3'-Dichlorobenzidine
Concen: 42.005 ng
RT: 13.798 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



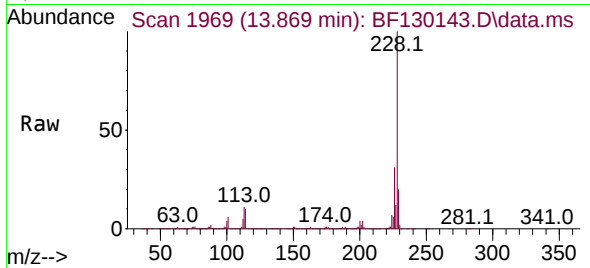
Tgt Ion:252 Resp: 402156
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 13.1 10.2 15.4





#83
Chrysene
Concen: 41.986 ng
RT: 13.869 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

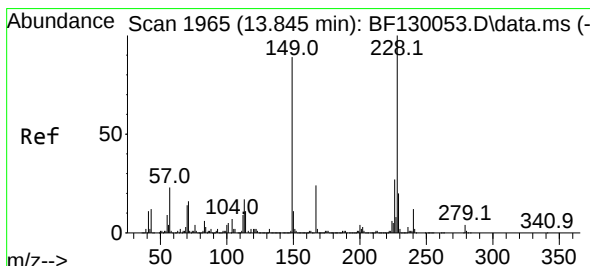
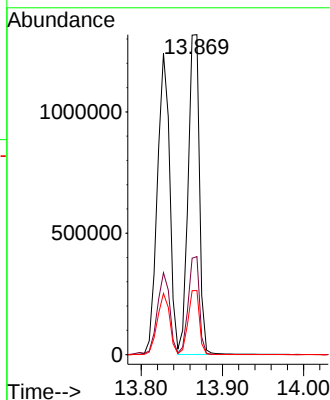
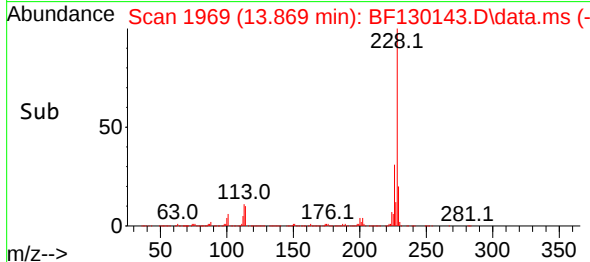
Instrument :
BNA_F
ClientSampleId :
PB147422BS



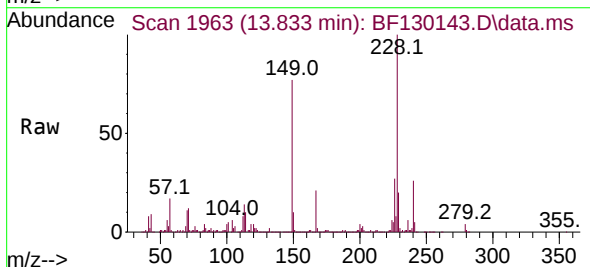
Tgt Ion:228 Resp: 1270862
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.0 15.9 23.9

Manual Integrations
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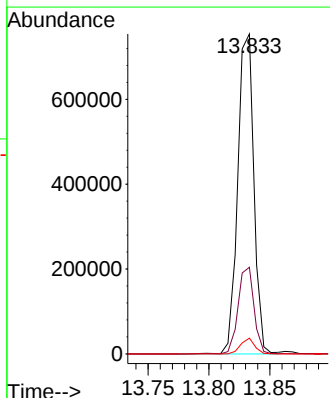
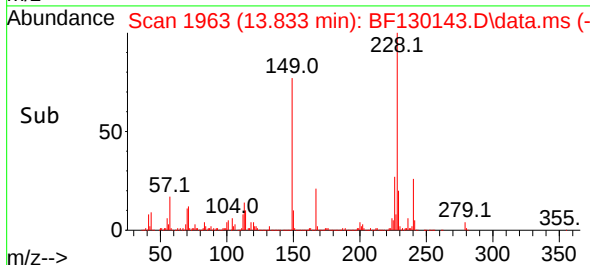
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

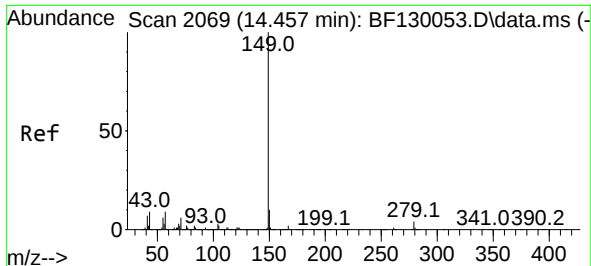


#84
Bis(2-ethylhexyl)phthalate
Concen: 35.013 ng
RT: 13.833 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08



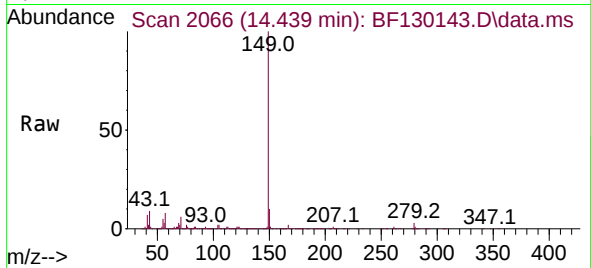
Tgt Ion:149 Resp: 695578
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 35.345 ng
RT: 14.439 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

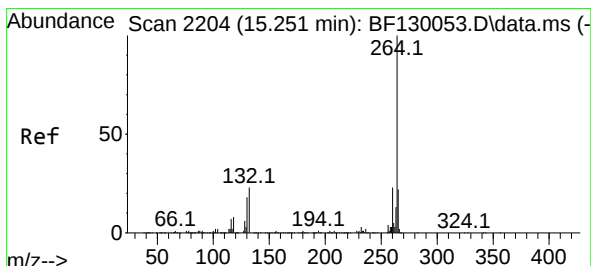
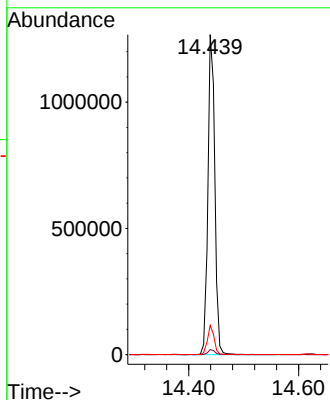
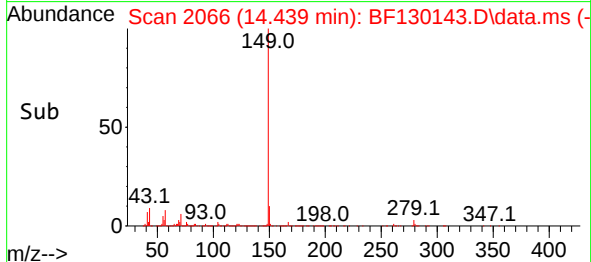
Instrument :
BNA_F
ClientSampleId :
PB147422BS



Tgt Ion:149 Resp: 1109164
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.8 11.6

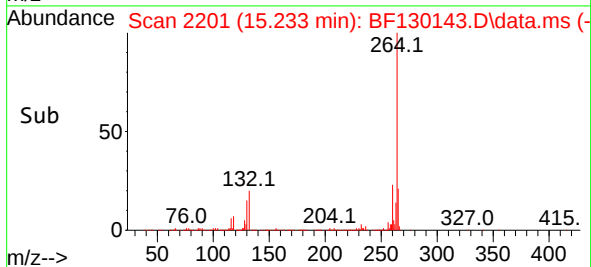
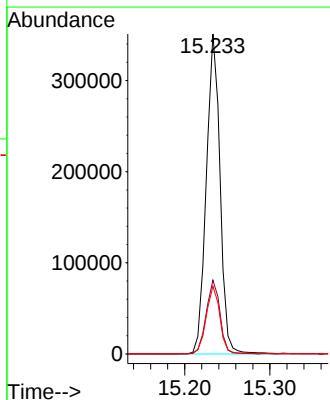
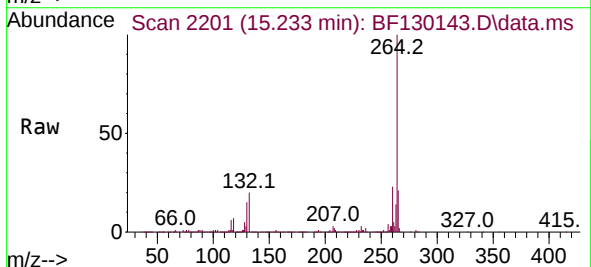
Manual Integrations
APPROVED

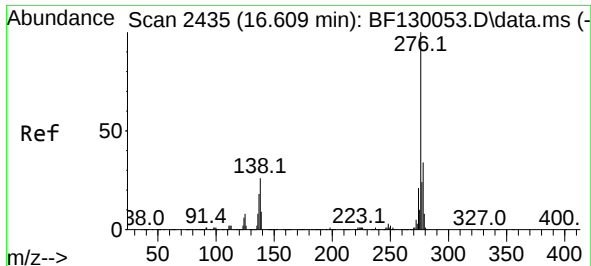
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:264 Resp: 392764
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.1 16.7 25.1





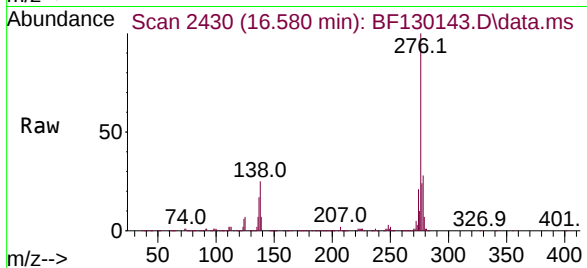
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.054 ng
RT: 16.580 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

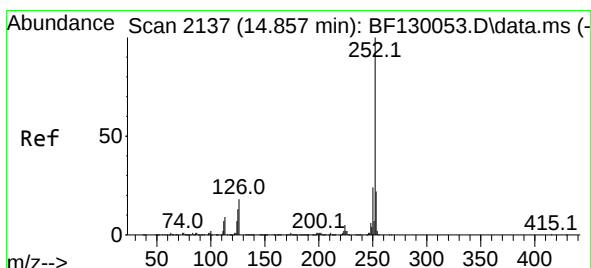
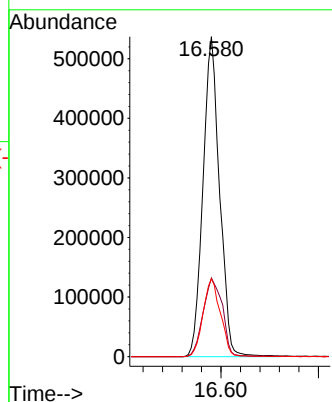
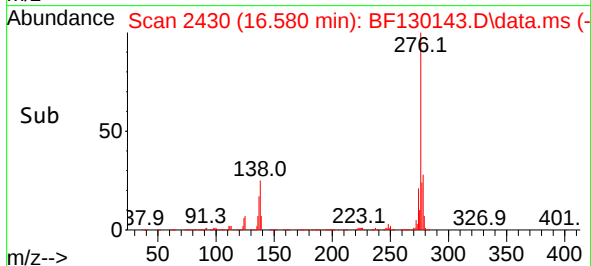


Tgt Ion:276 Resp: 1270902
Ion Ratio Lower Upper
276 100
138 28.4 19.8 29.8
277 25.4 20.4 30.6

Manual Integrations

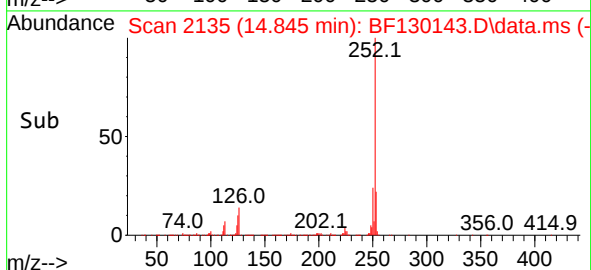
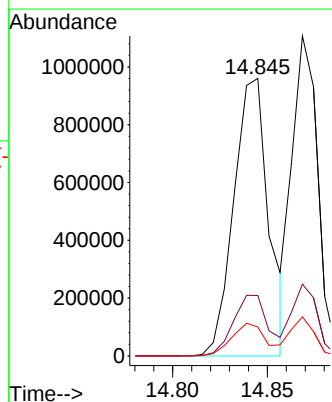
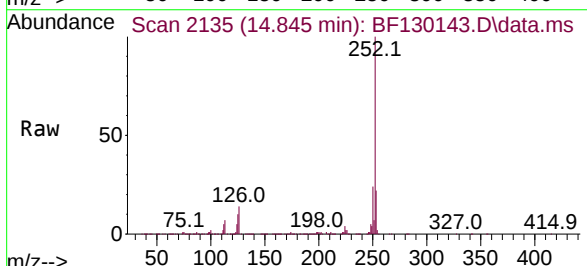
APPROVED

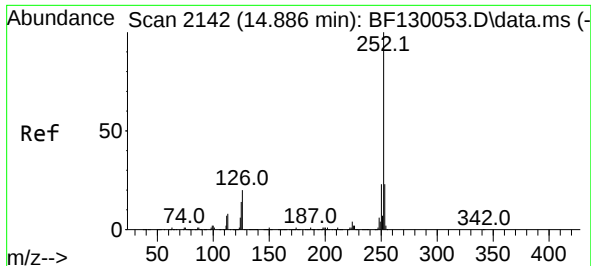
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#88
Benzo(b)fluoranthene
Concen: 46.997 ng
RT: 14.845 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:252 Resp: 1230949
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.4 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 41.476 ng

RT: 14.868 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

Tgt Ion:252 Resp: 1050646

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

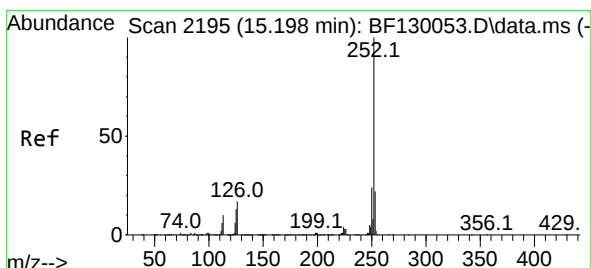
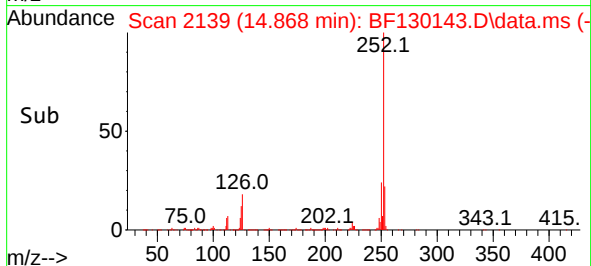
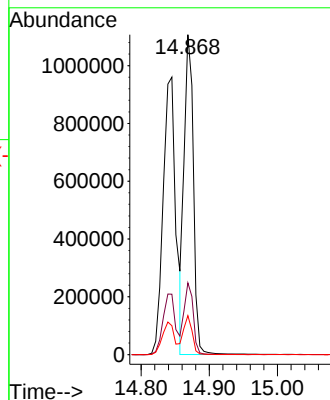
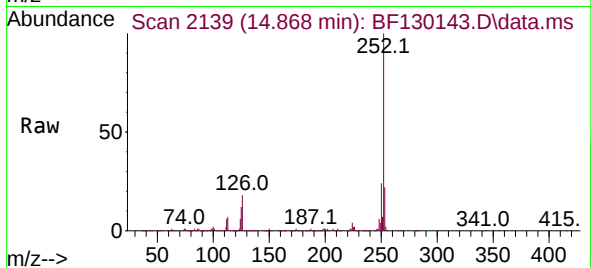
125 12.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#90

Benzo(a)pyrene

Concen: 48.266 ng

RT: 15.180 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

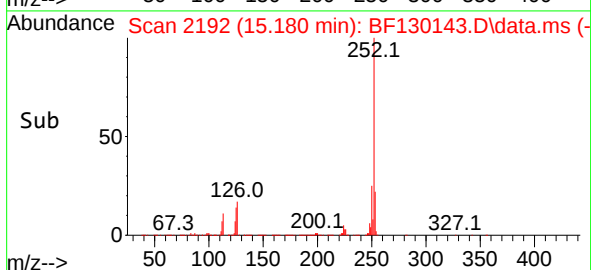
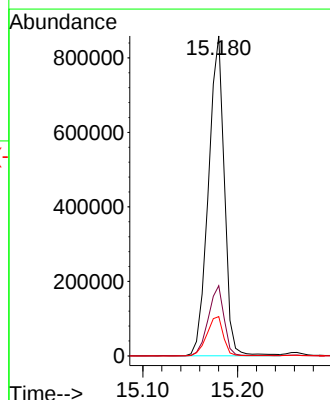
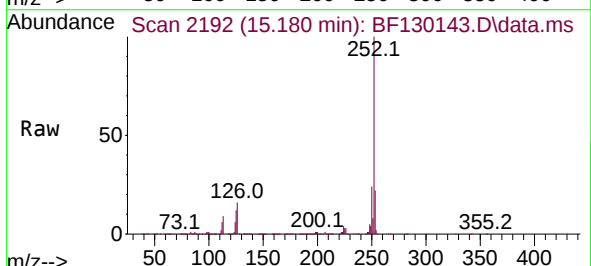
Tgt Ion:252 Resp: 1004548

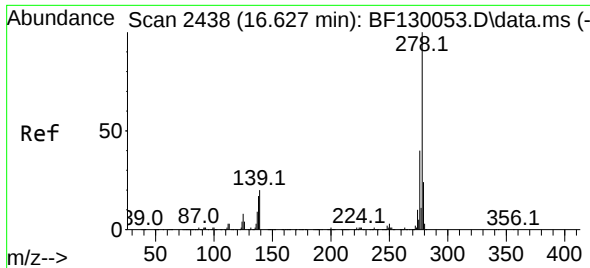
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 12.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 51.948 ng
RT: 16.604 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

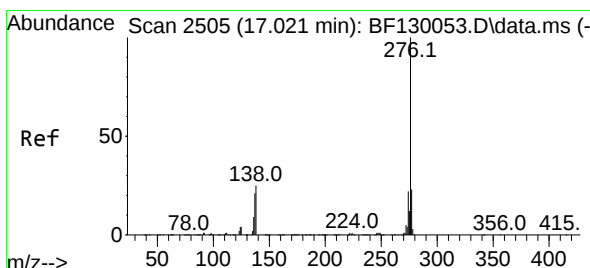
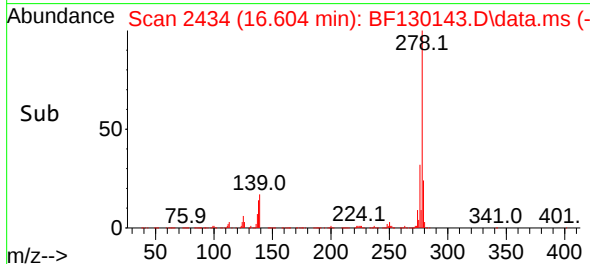
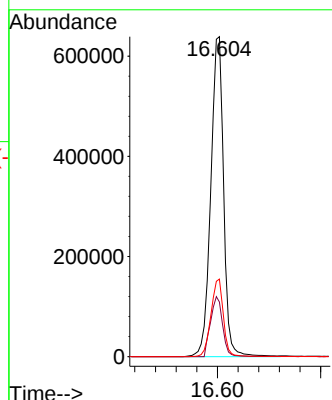
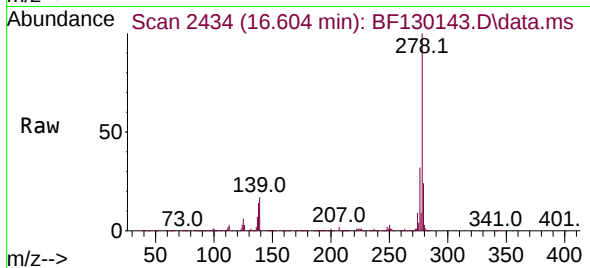
PB147422BS

Tgt Ion:278 Resp: 1101291
Ion Ratio Lower Upper
278 100
139 17.1 12.2 18.4
279 24.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#92
Benzo(g,h,i)perylene
Concen: 52.498 ng
RT: 16.992 min Scan# 2500
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:276 Resp: 1113533
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.4
138 23.8 15.8 23.8#

