

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130207.D
 Acq On : 12 Sep 2022 14:04
 Operator : CG\JU
 Sample : PB147569BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147569BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/13/2022
 Supervised By : Jagrut Upadhyay 09/13/2022

Quant Time: Sep 13 02:12:39 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	6.687	152	203873	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	818884	20.000	ng	-0.01
39) Acenaphthene-d10	9.722	164	432833	20.000	ng	-0.01
64) Phenanthrene-d10	11.198	188	745126	20.000	ng	#-0.01
76) Chrysene-d12	13.833	240	436091	20.000	ng	-0.01
86) Perylene-d12	15.221	264	316323	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1596556	132.945	ng	0.00
7) Phenol-d6	6.334	99	1921988	128.373	ng	0.00
23) Nitrobenzene-d5	7.257	82	1239409	97.269	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	610738	155.010	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	2204143	84.429	ng	0.00
79) Terphenyl-d14	12.786	244	2393976	95.197	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.405	88	210201	37.454	ng	95
3) Pyridine	3.099	79	441155	29.314	ng	92
4) n-Nitrosodimethylamine	3.052	42	239455	40.459	ng	93
6) Aniline	6.351	93	732823	39.041	ng	# 54
8) 2-Chlorophenol	6.475	128	594540	45.106	ng	97
9) Benzaldehyde	6.234	77	209142	22.822	ng	97
10) Phenol	6.346	94	732364	43.276	ng	# 79
11) bis(2-Chloroethyl)ether	6.434	93	596807	46.415	ng	98
12) 1,3-Dichlorobenzene	6.628	146	680644	46.582	ng	99
13) 1,4-Dichlorobenzene	6.704	146	692311	47.037	ng	98
14) 1,2-Dichlorobenzene	6.857	146	656674	49.081	ng	99
15) Benzyl Alcohol	6.840	79	438990	43.501	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.969	45	767202	43.903	ng	# 53
17) 2-Methylphenol	6.951	107	506166	45.643	ng	# 88
18) Hexachloroethane	7.198	117	258358	48.610	ng	97
19) n-Nitroso-di-n-propyla...	7.116	70	404998	44.901	ng	92
20) 3+4-Methylphenols	7.104	107	576517	44.332	ng	# 71
22) Acetophenone	7.104	105	844624	46.167	ng	# 93
24) Nitrobenzene	7.275	77	641829	47.363	ng	99
25) Isophorone	7.516	82	1159734	44.968	ng	99
26) 2-Nitrophenol	7.592	139	324951	50.824	ng	91
27) 2,4-Dimethylphenol	7.634	122	542270	50.110	ng	99
28) bis(2-Chloroethoxy)met...	7.728	93	710174	45.841	ng	98
29) 2,4-Dichlorophenol	7.828	162	514952	44.487	ng	98
30) 1,2,4-Trichlorobenzene	7.910	180	536749	43.978	ng	98
31) Naphthalene	7.992	128	1796730	43.503	ng	99
32) Benzoic acid	7.769	122	410188	46.640	ng	99
33) 4-Chloroaniline	8.045	127	631135	37.824	ng	98
34) Hexachlorobutadiene	8.110	225	313572	44.860	ng	98
35) Caprolactam	8.422	113	179840m	50.136	ng	
36) 4-Chloro-3-methylphenol	8.534	107	558996	47.724	ng	96
37) 2-Methylnaphthalene	8.681	142	1154630	43.400	ng	100
38) 1-Methylnaphthalene	8.781	142	1099962	42.536	ng	97
40) 1,2,4,5-Tetrachloroben...	8.851	216	506997	44.920	ng	98
41) Hexachlorocyclopentadiene	8.834	237	629338	106.695	ng	97
43) 2,4,6-Trichlorophenol	8.963	196	368332	45.719	ng	98

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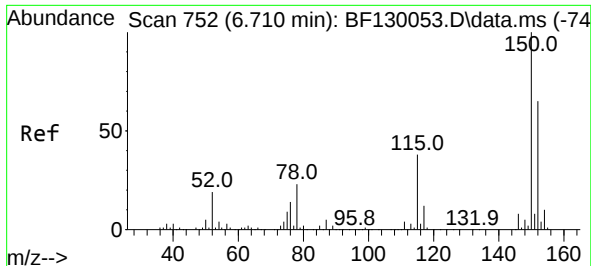
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.004	196	389727	44.631	ng	96
46) 1,1'-Biphenyl	9.151	154	1383182	43.987	ng	100
47) 2-Chloronaphthalene	9.169	162	1090468	43.281	ng	98
48) 2-Nitroaniline	9.269	65	338430	54.508	ng	95
49) Acenaphthylene	9.586	152	1654403	43.241	ng	100
50) Dimethylphthalate	9.457	163	1280599	43.438	ng	99
51) 2,6-Dinitrotoluene	9.516	165	291440	50.704	ng	90
52) Acenaphthene	9.757	154	1193970m	49.517	ng	
53) 3-Nitroaniline	9.681	138	278034	42.143	ng	99
54) 2,4-Dinitrophenol	9.786	184	316358	117.061	ng	98
55) Dibenzofuran	9.928	168	1499668	43.434	ng	97
56) 4-Nitrophenol	9.851	139	503678	99.025	ng	95
57) 2,4-Dinitrotoluene	9.916	165	381497	57.648	ng	# 91
58) Fluorene	10.269	166	1164249	44.316	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.045	232	312572	46.087	ng	# 79
60) Diethylphthalate	10.157	149	1265250	44.362	ng	100
61) 4-Chlorophenyl-phenyle...	10.263	204	519735	44.753	ng	98
62) 4-Nitroaniline	10.304	138	313538	48.866	ng	94
63) Azobenzene	10.422	77	1180300	42.032	ng	98
65) 4,6-Dinitro-2-methylph...	10.322	198	189424	53.239	ng	92
66) n-Nitrosodiphenylamine	10.386	169	1072785	43.068	ng	98
67) 4-Bromophenyl-phenylether	10.751	248	368431	44.453	ng	97
68) Hexachlorobenzene	10.810	284	410490	45.454	ng	96
69) Atrazine	10.916	200	332651	47.206	ng	97
70) Pentachlorophenol	11.010	266	487801	96.595	ng	97
71) Phenanthrene	11.228	178	1736737	42.979	ng	99
72) Anthracene	11.280	178	1763901	44.404	ng	99
73) Carbazole	11.433	167	1649413	45.027	ng	100
74) Di-n-butylphthalate	11.769	149	1915282	43.360	ng	100
75) Fluoranthene	12.410	202	1717069	42.851	ng	98
77) Benzidine	12.539	184	902246	76.630	ng	99
78) Pyrene	12.639	202	1766026	45.149	ng	100
80) Butylbenzylphthalate	13.263	149	730447	46.950	ng	97
81) Benzo(a)anthracene	13.822	228	1277873	42.759	ng	99
82) 3,3'-Dichlorobenzidine	13.792	252	394630	42.343	ng	98
83) Chrysene	13.857	228	1244182	42.226	ng	100
84) Bis(2-ethylhexyl)phtha...	13.822	149	840414	43.458	ng	98
85) Di-n-octyl phthalate	14.433	149	1071850	35.088	ng	98
87) Indeno(1,2,3-cd)pyrene	16.568	276	873572	41.866	ng	98
88) Benzo(b)fluoranthene	14.833	252	910681	43.171	ng	99
89) Benzo(k)fluoranthene	14.863	252	865123	42.405	ng	99
90) Benzo(a)pyrene	15.168	252	844885	50.405	ng	99
91) Dibenzo(a,h)anthracene	16.592	278	753495	44.131	ng	99
92) Benzo(g,h,i)perylene	16.980	276	770805	45.122	ng	98

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

Manual Integrations APPROVED

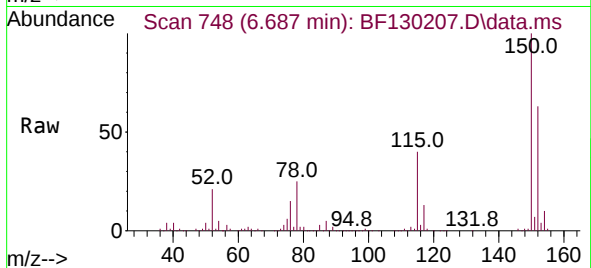
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.687 min Scan# 74
Delta R.T. -0.011 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

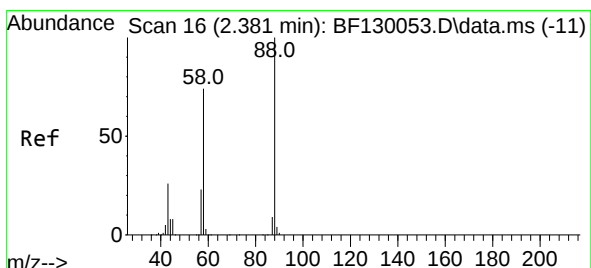
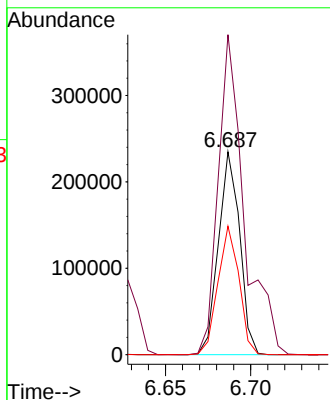
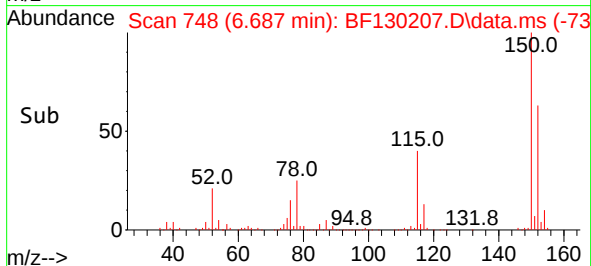
Instrument :
BNA_F
ClientSampleId :
PB147569BS



Tgt Ion:152 Resp: 203873
Ion Ratio Lower Upper
152 100
150 157.7 126.9 190.3
115 63.3 53.4 80.0

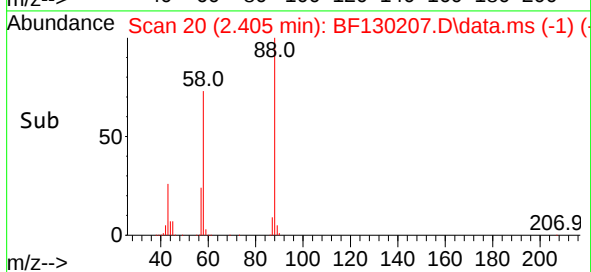
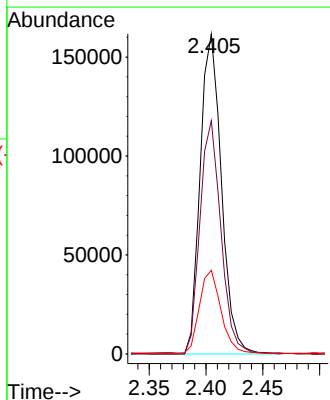
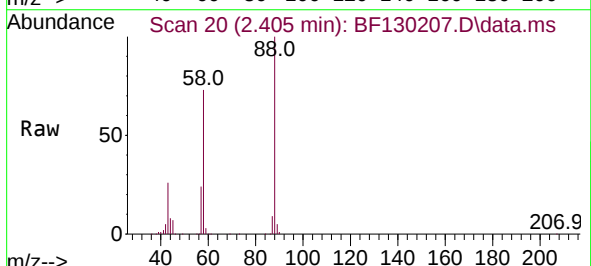
Manual Integrations
APPROVED

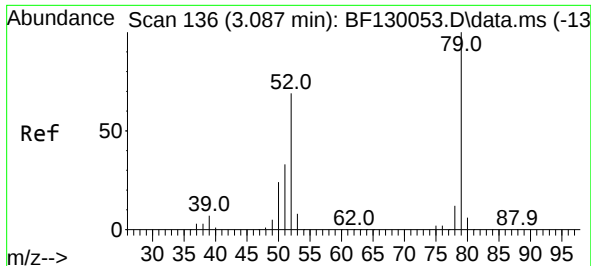
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#2
1,4-Dioxane
Concen: 37.454 ng
RT: 2.405 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

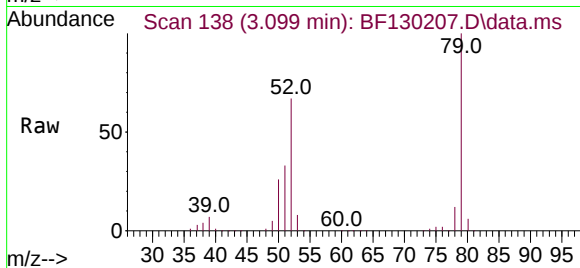
Tgt Ion: 88 Resp: 210201
Ion Ratio Lower Upper
88 100
58 72.1 60.9 91.3
43 26.1 23.6 35.4





#3
Pyridine
Concen: 29.314 ng
RT: 3.099 min Scan# 131
Delta R.T. 0.059 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

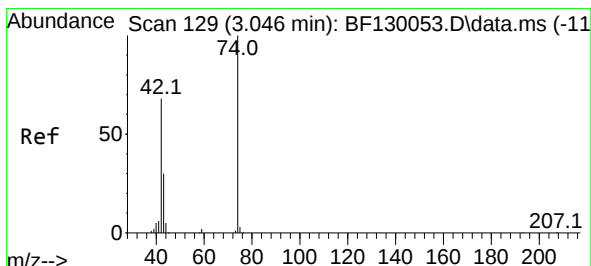
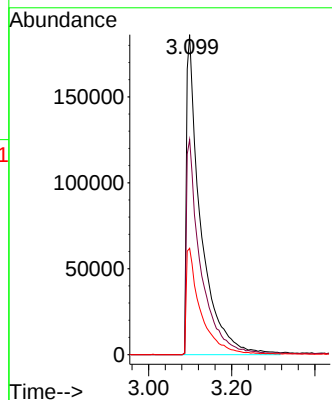
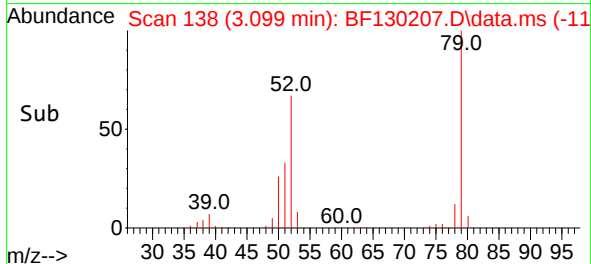
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PB147569BS



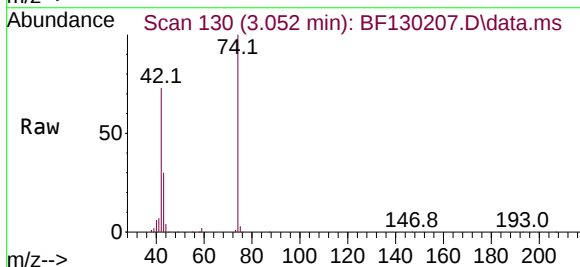
Tgt Ion: 79 Resp: 441155
Ion Ratio Lower Upper
79 100
52 67.2 59.4 89.2
51 33.2 29.5 44.3

Manual Integrations
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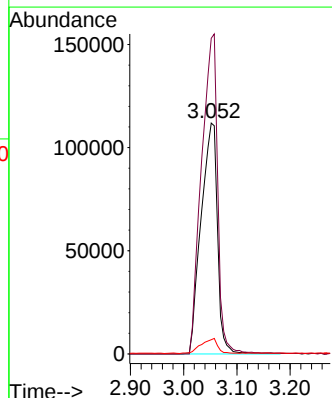
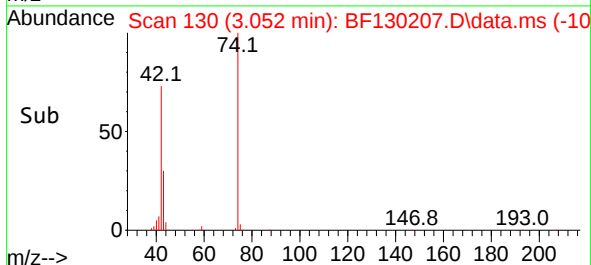
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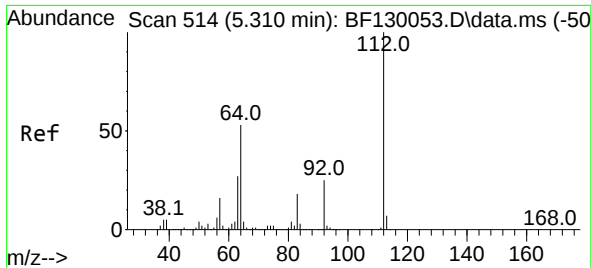


#4
n-Nitrosodimethylamine
Concen: 40.459 ng
RT: 3.052 min Scan# 130
Delta R.T. 0.053 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion: 42 Resp: 239455
Ion Ratio Lower Upper
42 100
74 136.7 103.1 154.7
44 6.1 5.4 8.2





#5
2-Fluorophenol
Concen: 132.945 ng
RT: 5.304 min Scan# 514
Delta R.T. 0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

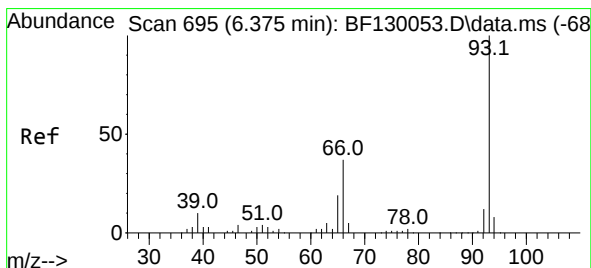
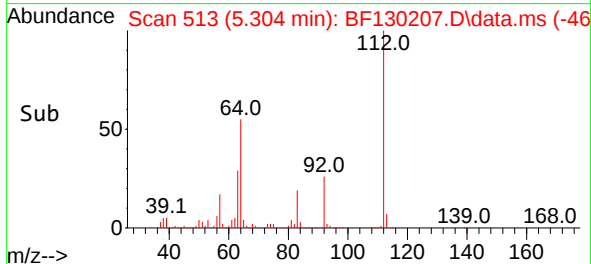
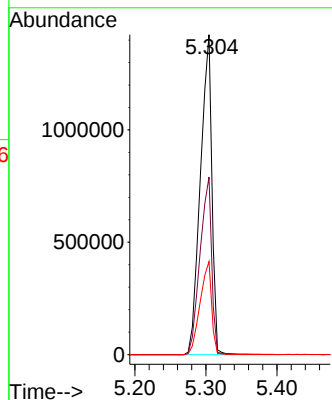
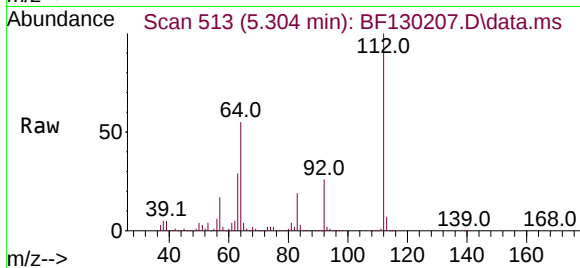
PB147569BS

Tgt Ion:112 Resp: 1596556
Ion Ratio Lower Upper
112 100
64 55.5 47.6 71.4
63 29.1 24.6 37.0

Manual Integrations

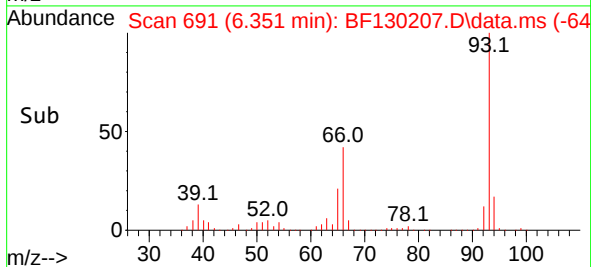
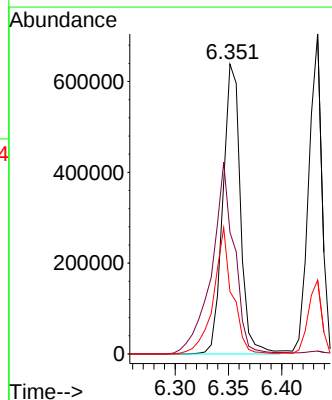
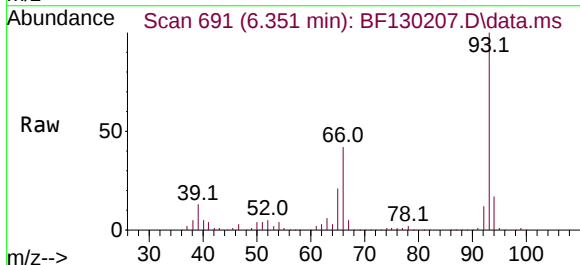
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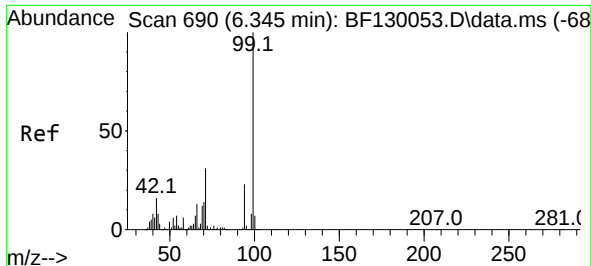
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#6
Aniline
Concen: 39.041 ng
RT: 6.351 min Scan# 691
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

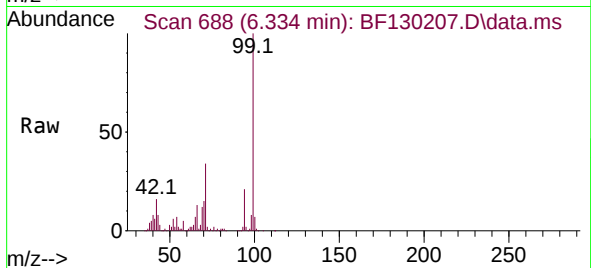
Tgt Ion: 93 Resp: 732823
Ion Ratio Lower Upper
93 100
66 42.0 68.7 103.1#
65 21.5 41.6 62.4#





#7
Phenol-d6
Concen: 128.373 ng
RT: 6.334 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

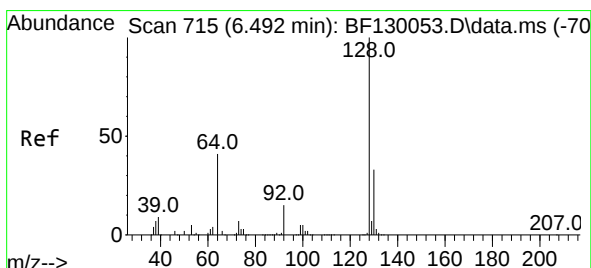
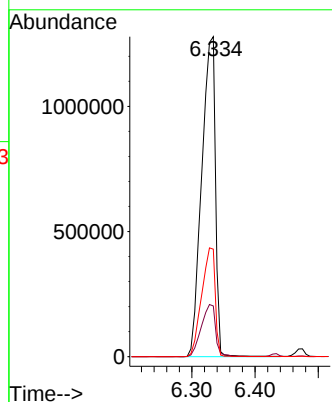
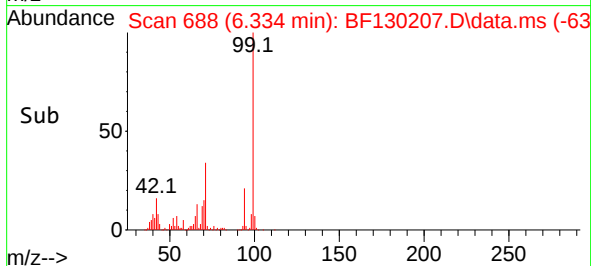
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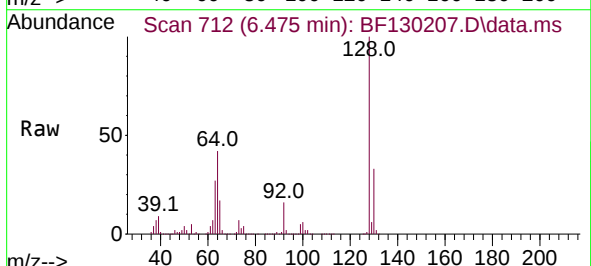
Tgt Ion: 99 Resp: 1921988
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.4
71 33.6 28.8 43.2

Manual Integrations
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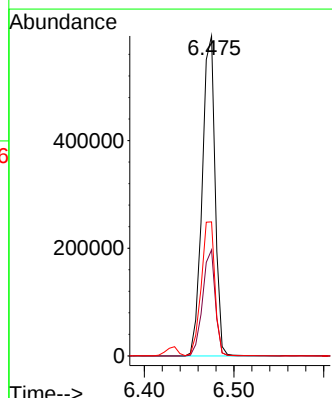
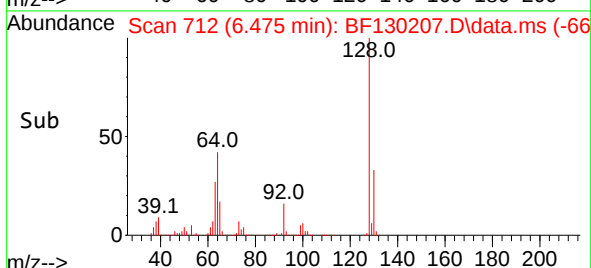
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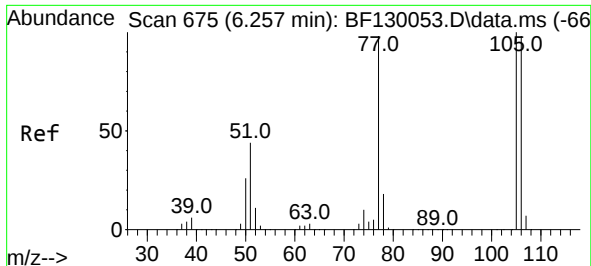


#8
2-Chlorophenol
Concen: 45.106 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



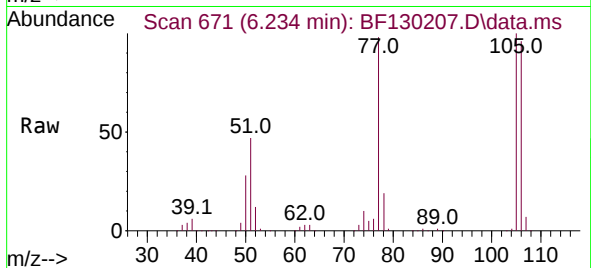
Tgt Ion:128 Resp: 594540
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 41.9 24.9 64.9





#9
Benzaldehyde
Concen: 22.822 ng
RT: 6.234 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

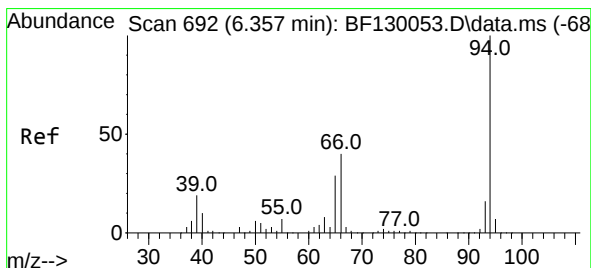
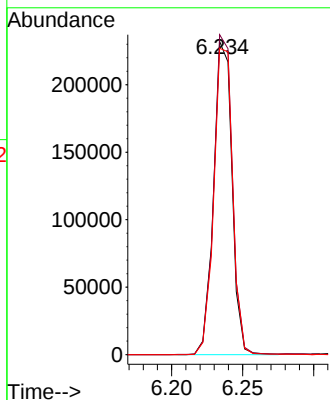
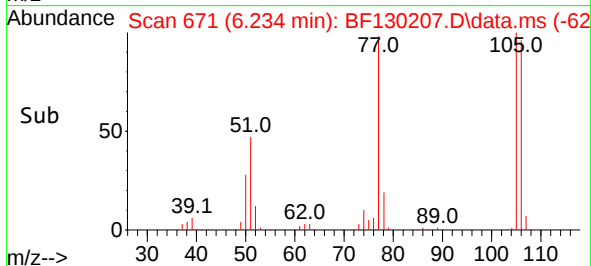
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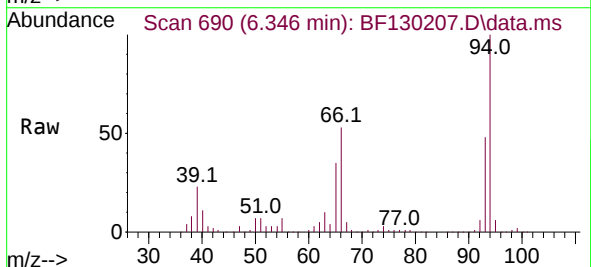
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Ion Ratio Lower Upper
77 100
105 102.2 80.3 120.3
106 97.8 74.3 114.3

Manual Integrations
APPROVED

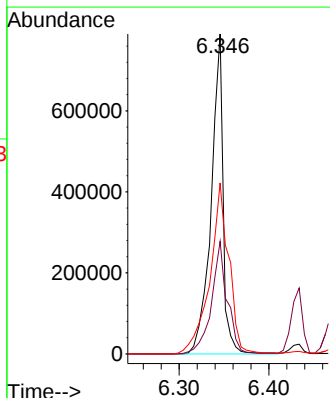
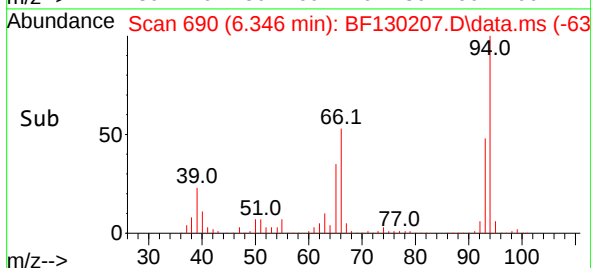
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

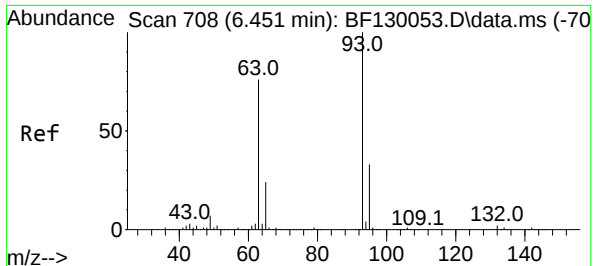


#10
Phenol
Concen: 43.276 ng
RT: 6.346 min Scan# 690
Delta R.T. 0.000 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion: 94 Resp: 732364
Ion Ratio Lower Upper
94 100
65 35.2 24.9 64.9
66 53.4 54.2 94.2#





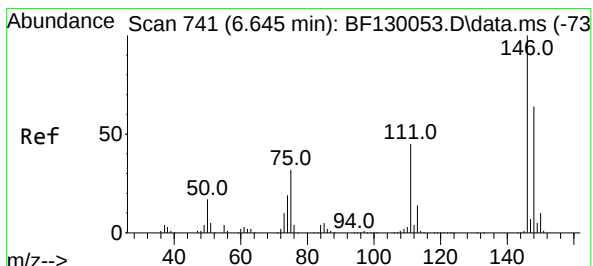
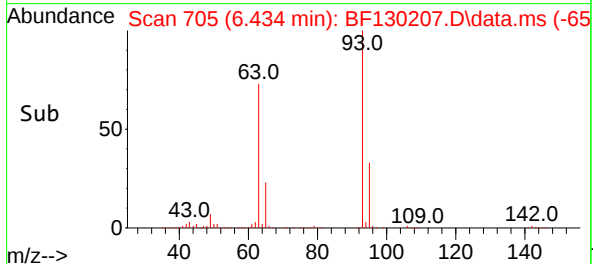
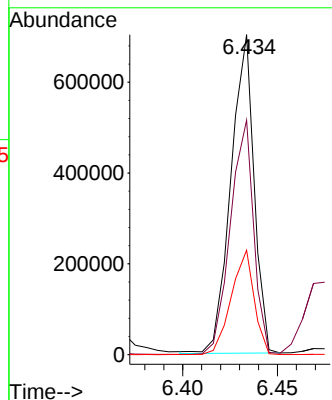
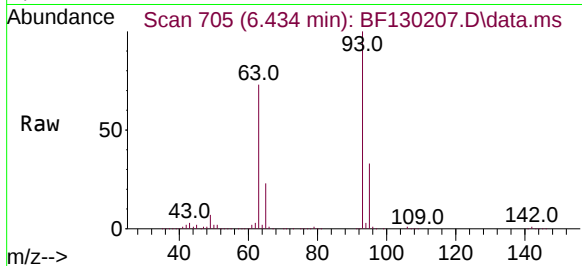
#11
bis(2-Chloroethyl)ether
Concen: 46.415 ng
RT: 6.434 min Scan# 708
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :
BNA_F
ClientSampleId :
PB147569BS

Tgt Ion: 93 Resp: 596807
Ion Ratio Lower Upper
93 100
63 73.3 55.9 95.9
95 32.6 12.3 52.3

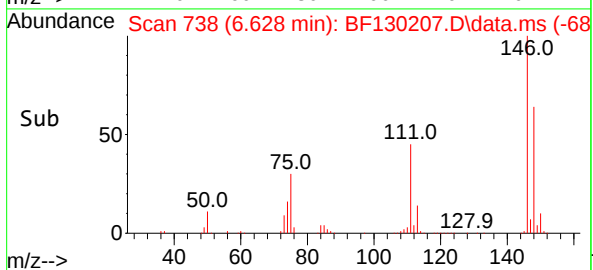
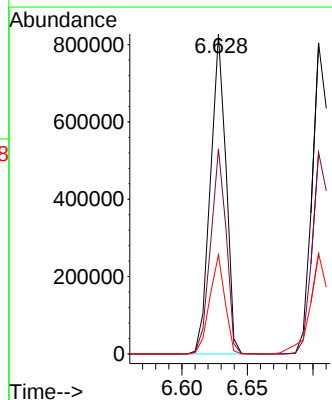
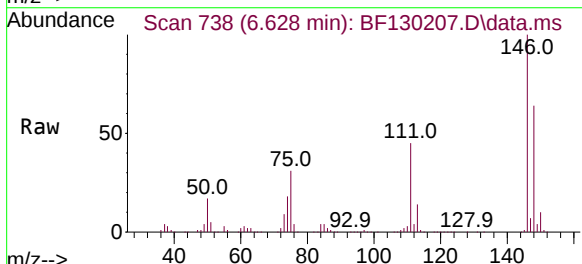
Manual Integrations
APPROVED

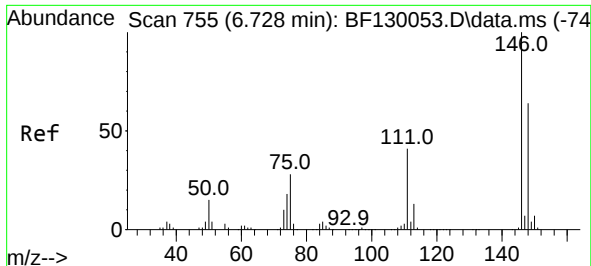
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#12
1,3-Dichlorobenzene
Concen: 46.582 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:146 Resp: 680644
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 31.0 26.5 39.7





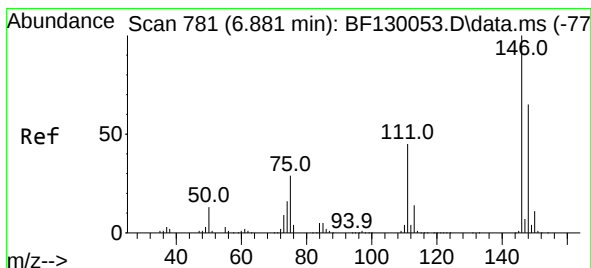
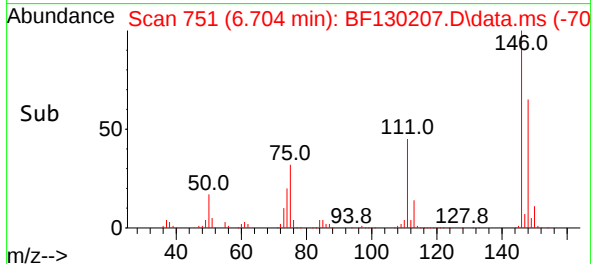
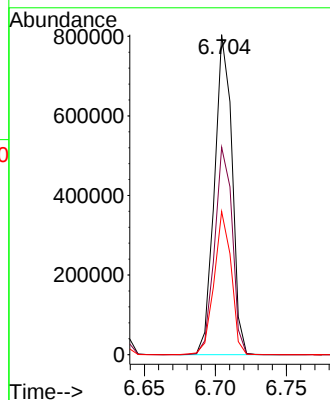
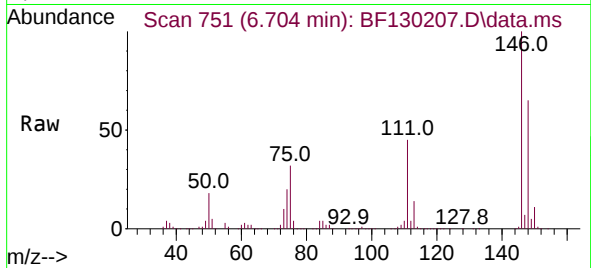
#13
1,4-Dichlorobenzene
Concen: 47.037 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :
BNA_F
ClientSampleId :
PB147569BS

Tgt Ion:146 Resp: 692311
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
111 44.7 36.2 54.4

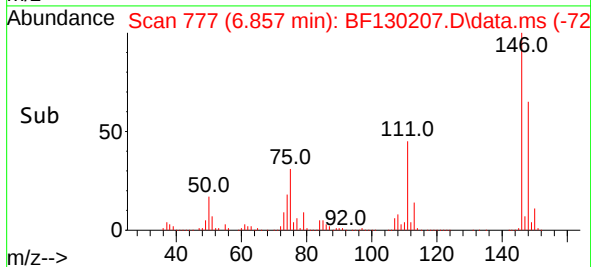
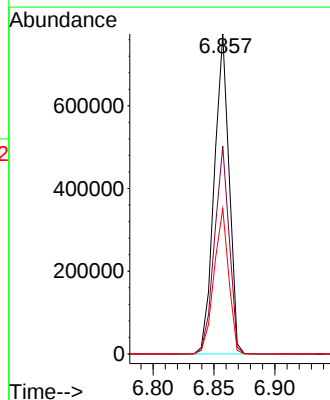
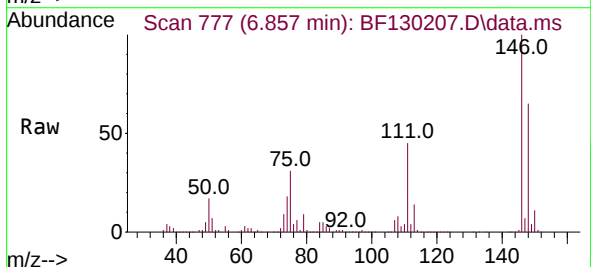
Manual Integrations
APPROVED

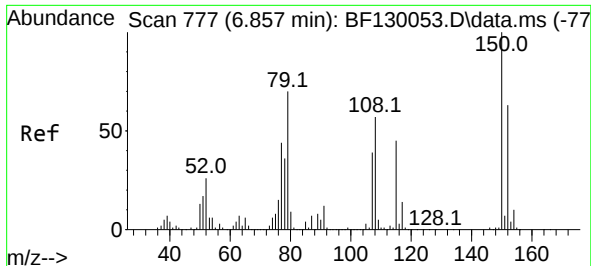
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#14
1,2-Dichlorobenzene
Concen: 49.081 ng
RT: 6.857 min Scan# 777
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

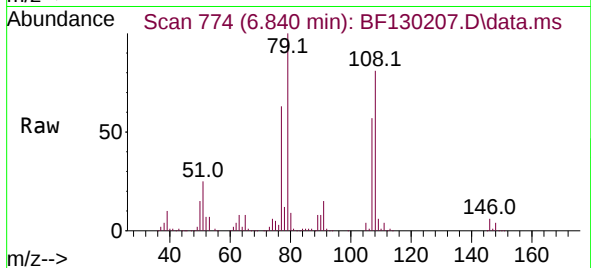
Tgt Ion:146 Resp: 656674
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 45.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.501 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

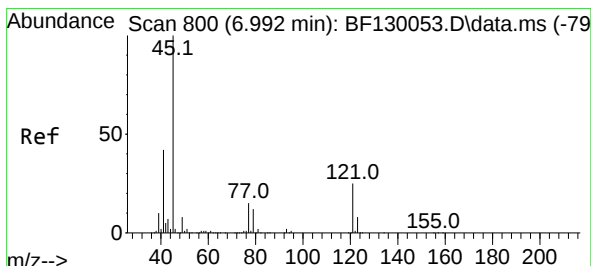
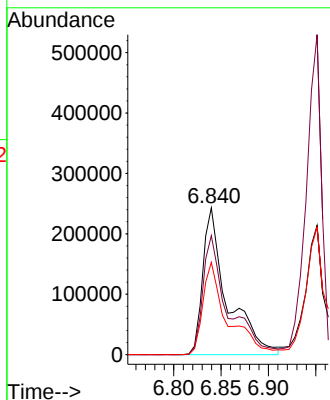
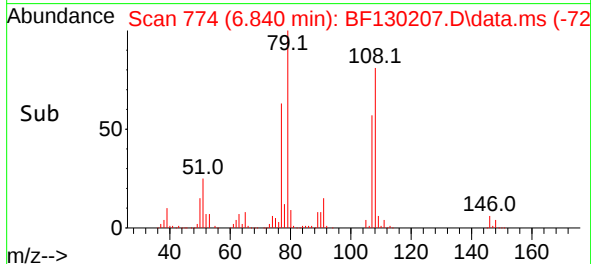
Instrument :
BNA_F
ClientSampleId :
PB147569BS



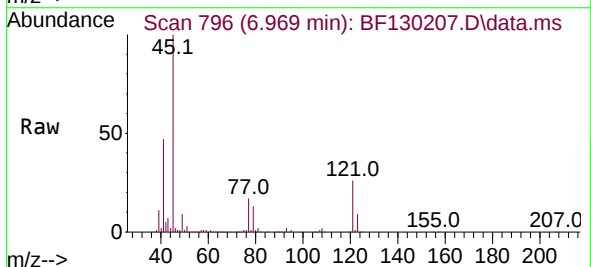
Tgt Ion: 79 Resp: 438990
Ion Ratio Lower Upper
79 100
108 81.0 59.2 88.8
77 62.8 51.9 77.9

Manual Integrations
APPROVED

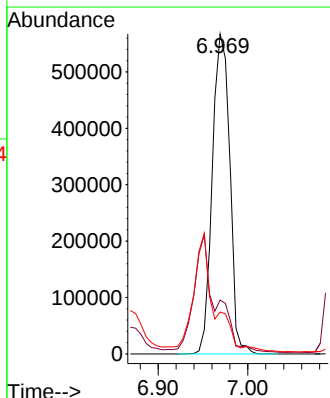
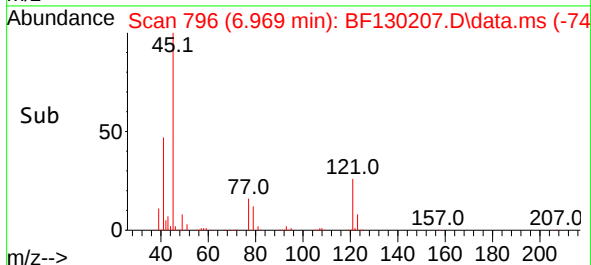
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

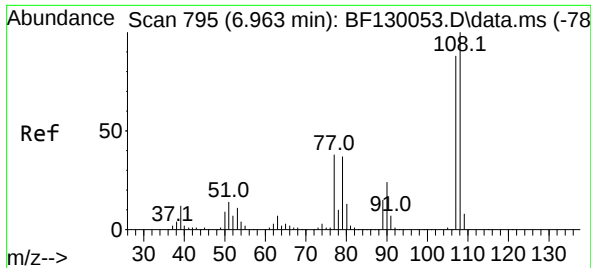


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.903 ng
RT: 6.969 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion: 45 Resp: 767202
Ion Ratio Lower Upper
45 100
77 16.8 27.4 67.4#
79 13.1 24.4 64.4#





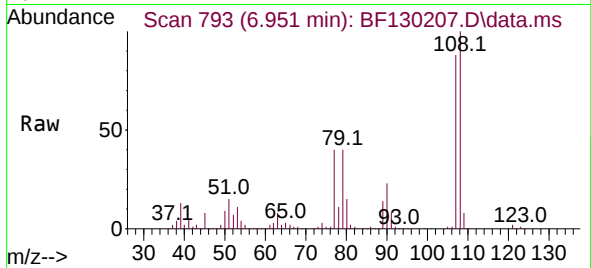
#17
2-Methylphenol
Concen: 45.643 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

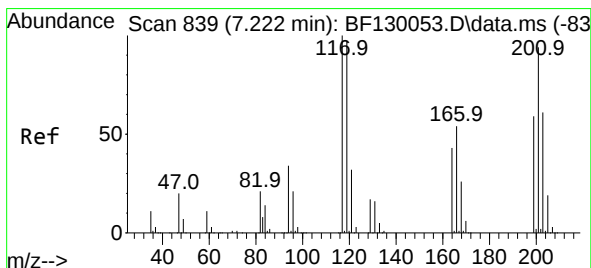
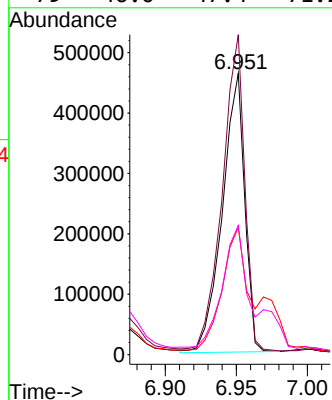


Tgt Ion:107 Resp: 506166
Ion Ratio Lower Upper
107 100
108 113.8 90.2 135.2
77 45.3 51.8 77.8
79 46.0 47.4 71.2#

Manual Integrations

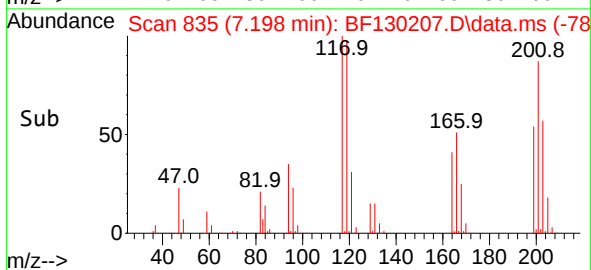
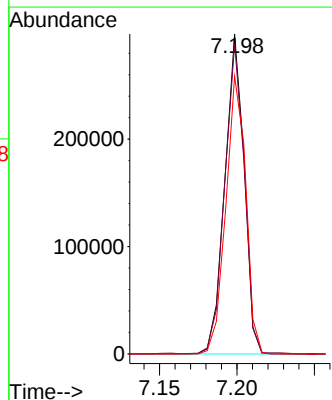
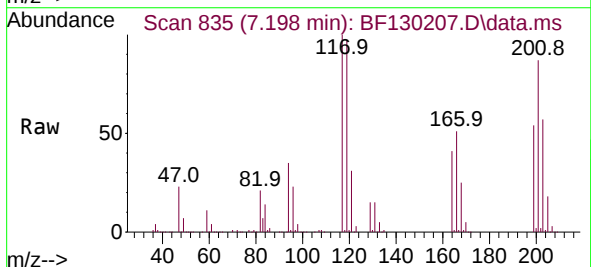
APPROVED

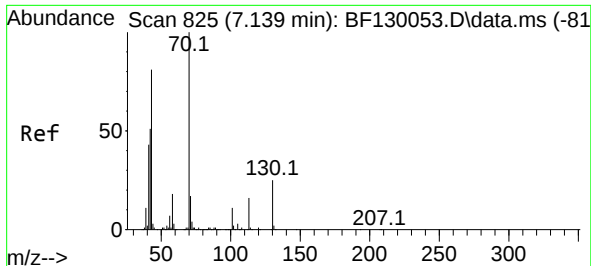
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#18
Hexachloroethane
Concen: 48.610 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:117 Resp: 258358
Ion Ratio Lower Upper
117 100
119 96.9 79.1 118.7
201 86.8 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.901 ng

RT: 7.116 min Scan# 819

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

Tgt Ion: 70 Resp: 404998

Ion Ratio Lower Upper

70 100

42 51.1 47.6 71.4

101 9.7 8.1 12.1

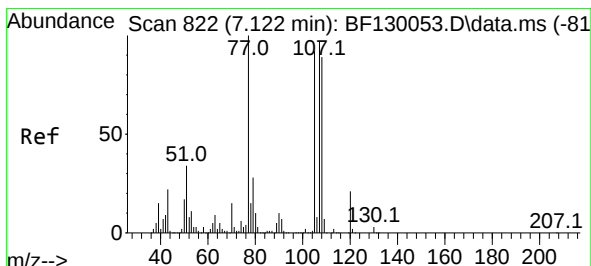
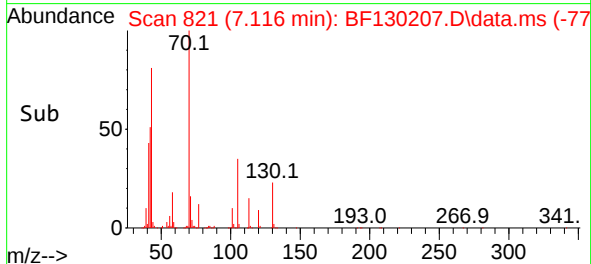
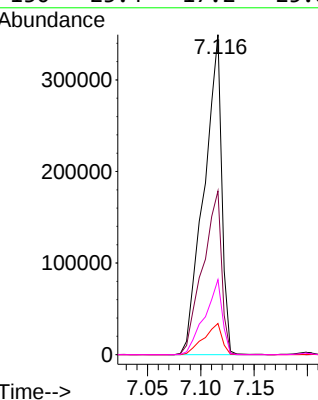
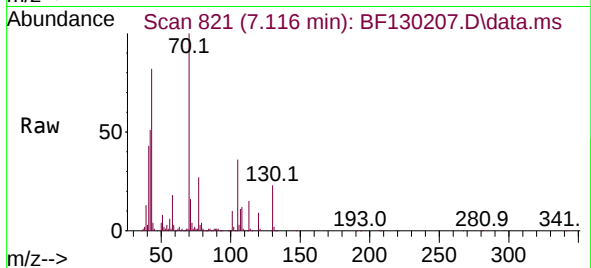
130 23.4 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022



#20

3+4-Methylphenols

Concen: 44.332 ng

RT: 7.104 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Tgt Ion:107 Resp: 576517

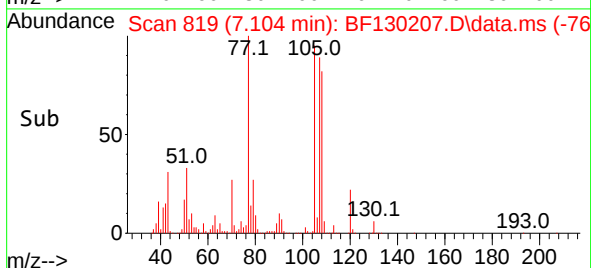
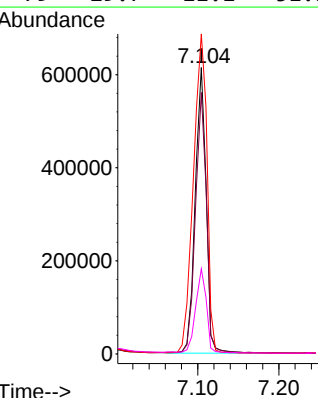
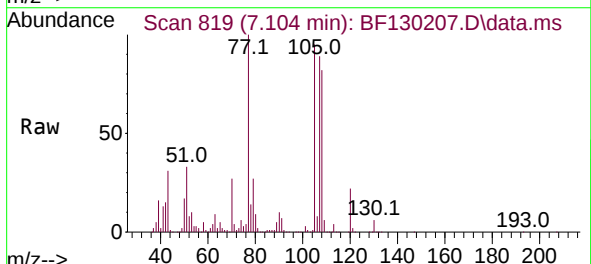
Ion Ratio Lower Upper

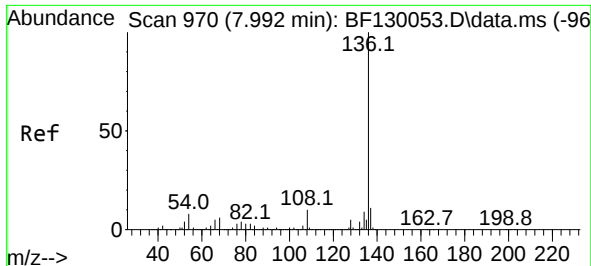
107 100

108 91.3 71.3 111.3

77 111.7 20.4 60.4#

79 29.7 11.1 51.1





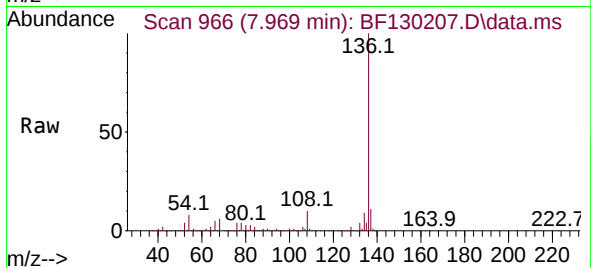
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

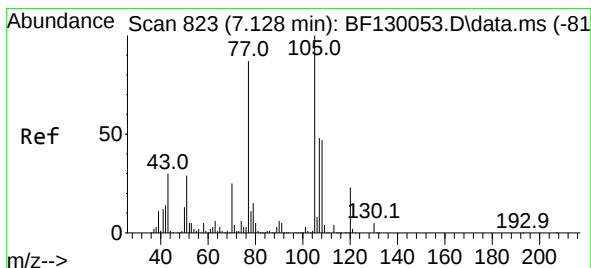
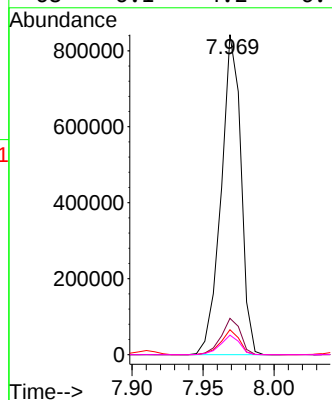
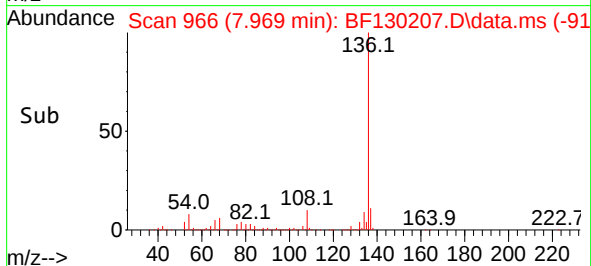


Tgt Ion:136 Resp: 818884
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.8 6.2 9.2
68 6.1 4.2 6.4

Manual Integrations

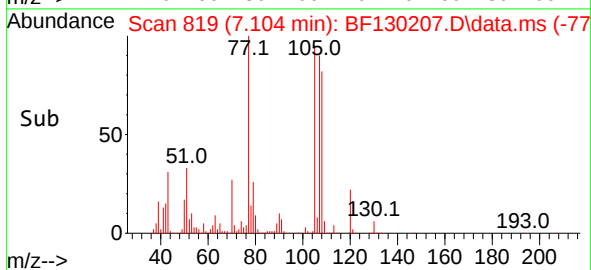
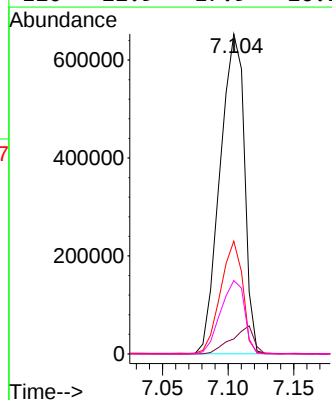
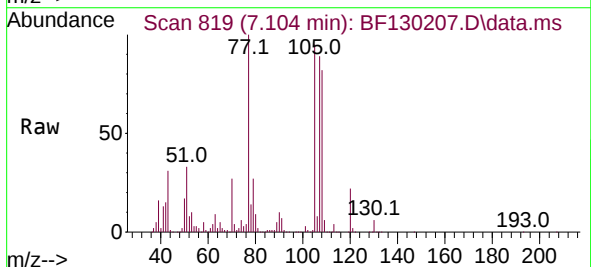
APPROVED

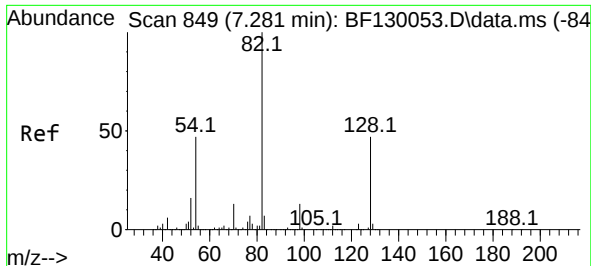
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#22
Acetophenone
Concen: 46.167 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:105 Resp: 844624
Ion Ratio Lower Upper
105 100
71 4.7 6.6 9.8#
51 35.2 23.8 35.8
120 22.9 17.9 26.9





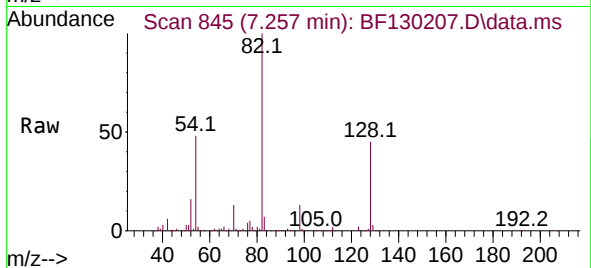
#23
Nitrobenzene-d5
Concen: 97.269 ng
RT: 7.257 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

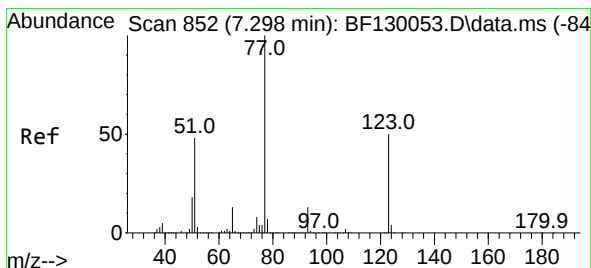
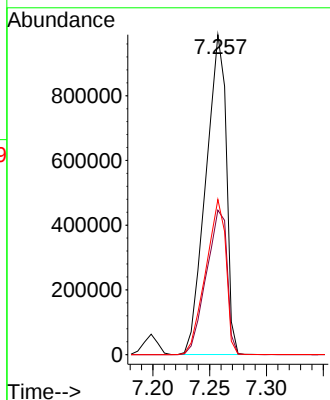
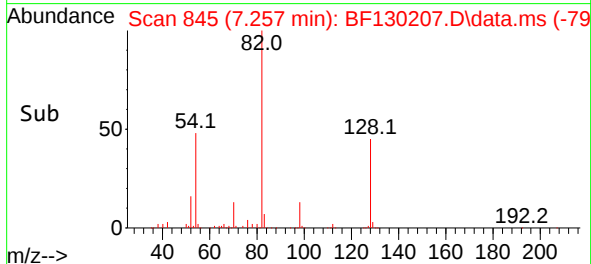
PB147569BS



Tgt Ion: 82 Resp: 1239409
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 48.5 40.0 60.0

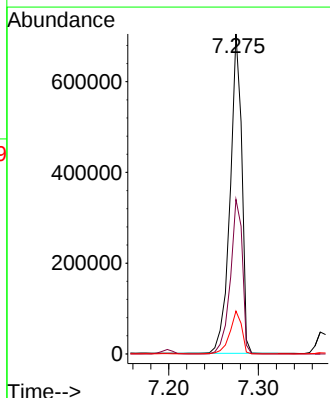
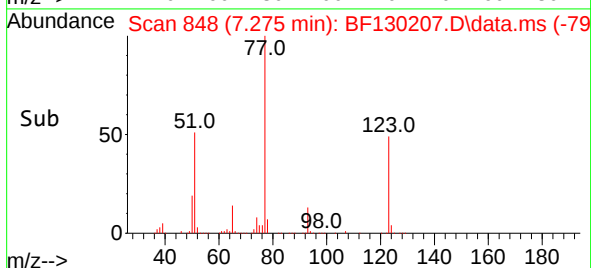
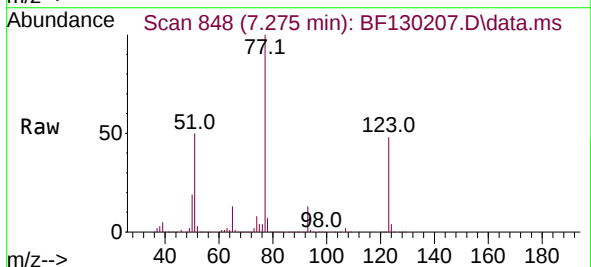
Manual Integrations
APPROVED

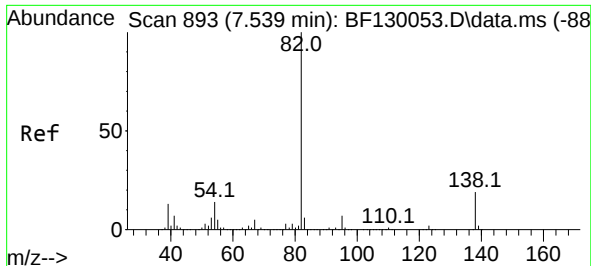
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#24
Nitrobenzene
Concen: 47.363 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion: 77 Resp: 641829
Ion Ratio Lower Upper
77 100
123 48.3 39.2 58.8
65 13.4 11.1 16.7





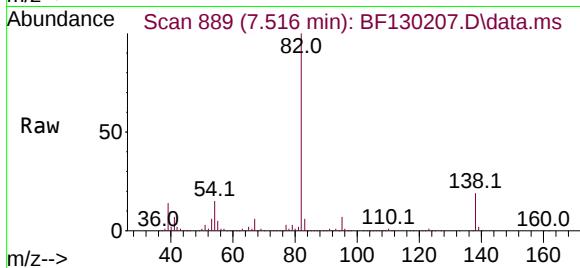
#25
Isophorone
Concen: 44.968 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

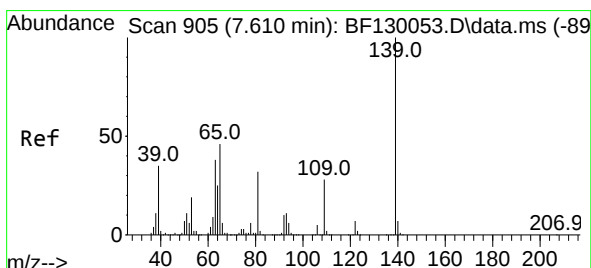
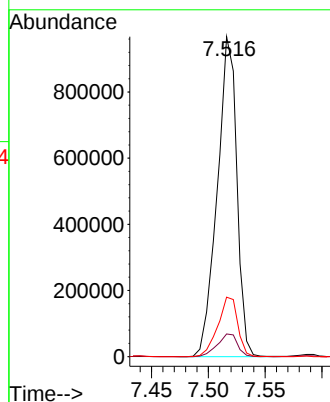
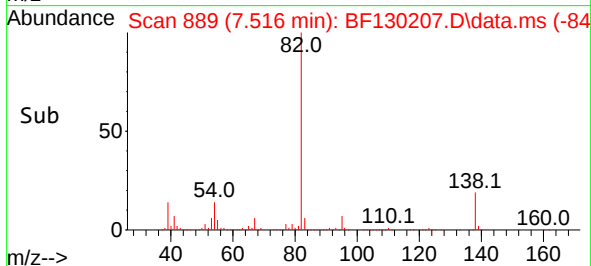
PB147569BS



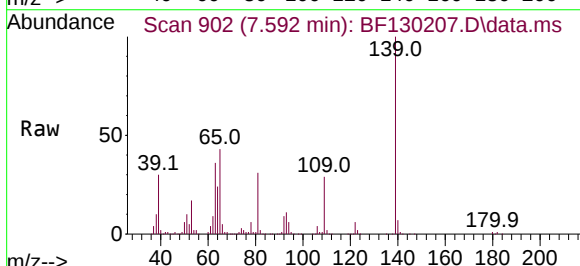
Tgt Ion: 82 Resp: 1159734
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 18.6 14.6 21.8

Manual Integrations
APPROVED

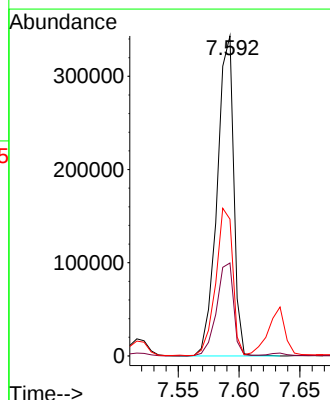
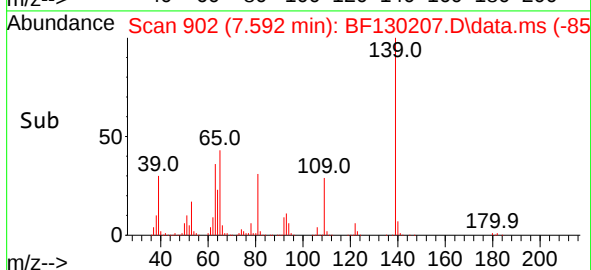
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

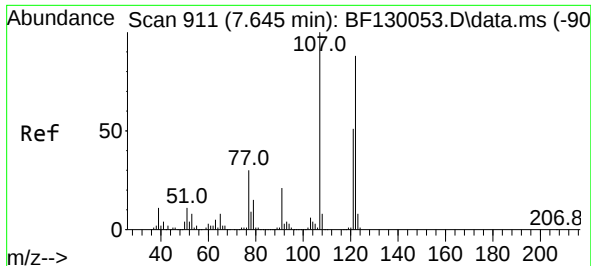


#26
2-Nitrophenol
Concen: 50.824 ng
RT: 7.592 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:139 Resp: 324951
Ion Ratio Lower Upper
139 100
109 29.0 24.4 36.6
65 42.7 40.9 61.3





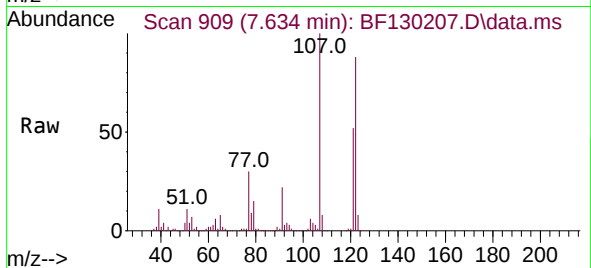
#27
2,4-Dimethylphenol
Concen: 50.110 ng
RT: 7.634 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

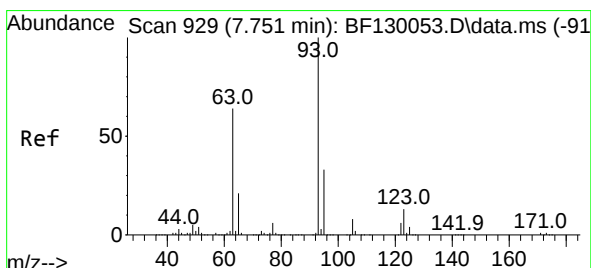
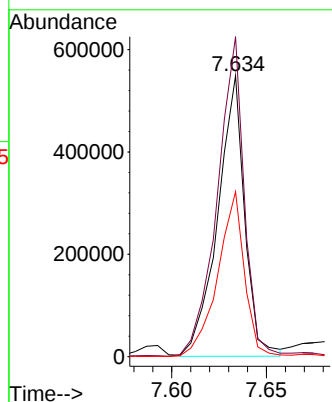
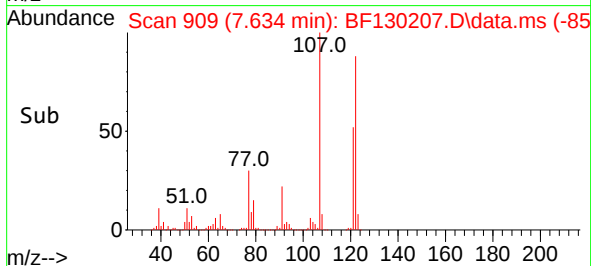


Tgt Ion:122 Resp: 542270
Ion Ratio Lower Upper
122 100
107 113.9 92.2 138.4
121 58.7 46.1 69.1

Manual Integrations

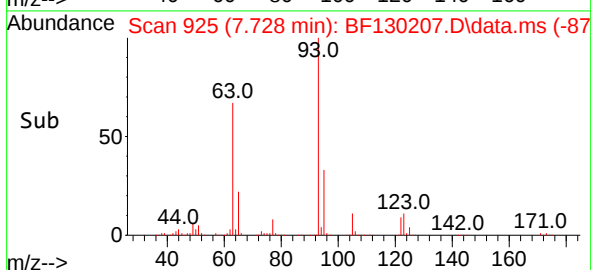
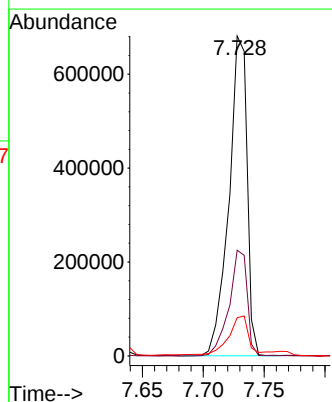
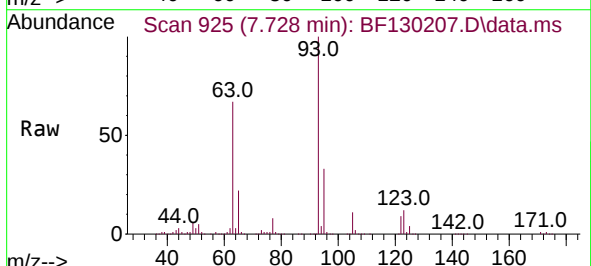
APPROVED

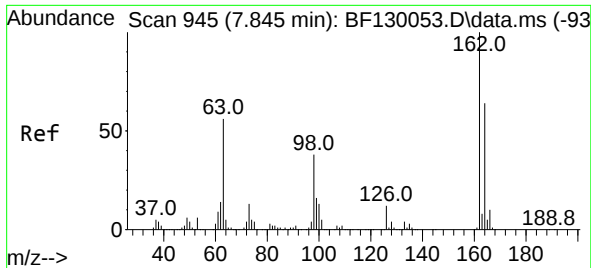
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.841 ng
RT: 7.728 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion: 93 Resp: 710174
Ion Ratio Lower Upper
93 100
95 33.0 25.6 38.4
123 11.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.487 ng

RT: 7.828 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

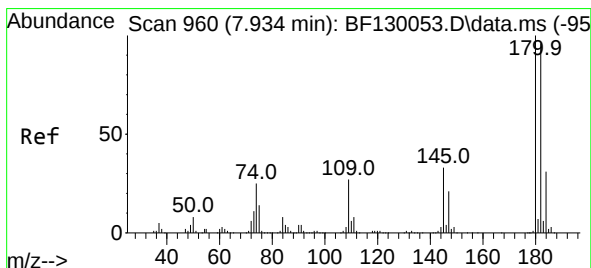
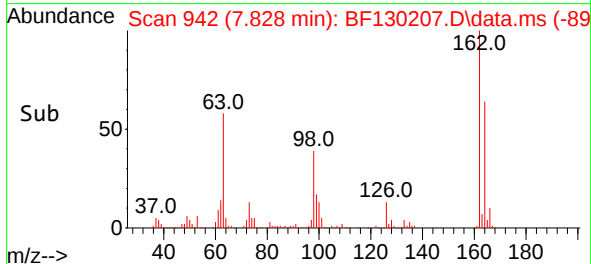
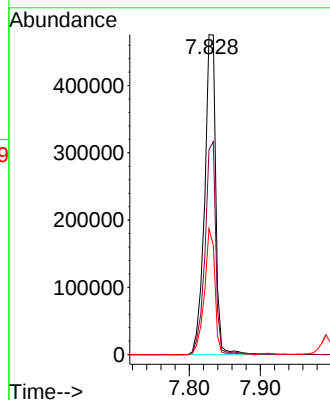
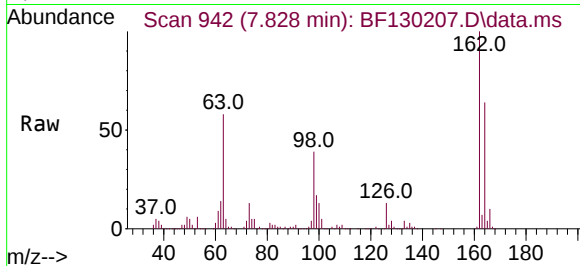
PB147569BS

Tgt Ion:162 Resp: 514952
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.7 83.7
 98 39.3 16.5 56.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/13/2022
 Supervised By :Jagrut Upadhyay 09/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.978 ng

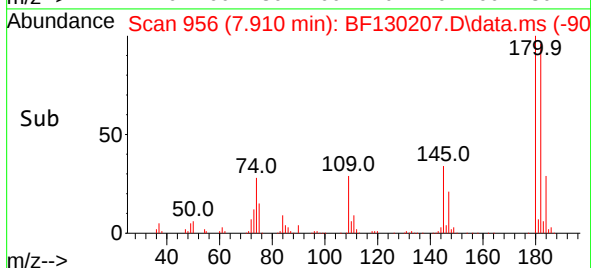
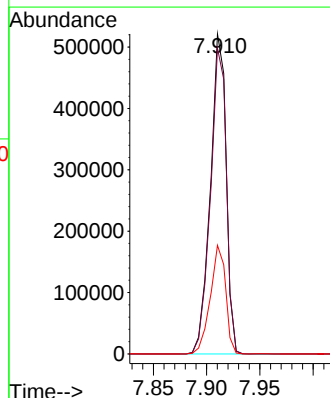
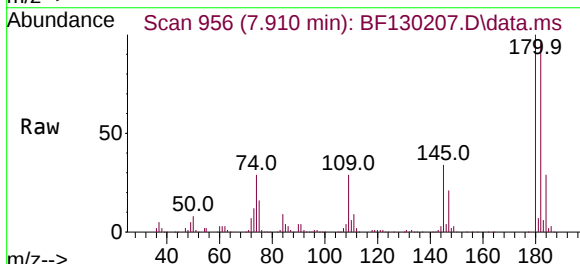
RT: 7.910 min Scan# 956

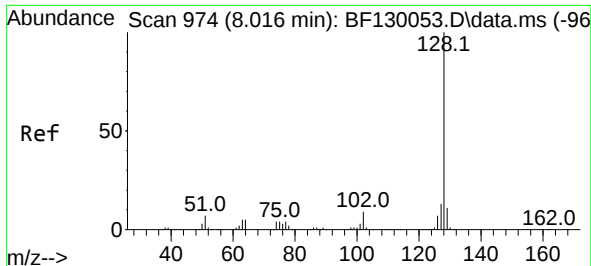
Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

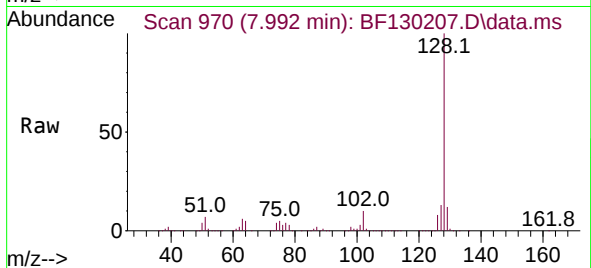
Tgt Ion:180 Resp: 536749
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.6 116.4
 145 33.9 25.6 38.4





#31
Naphthalene
Concen: 43.503 ng
RT: 7.992 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

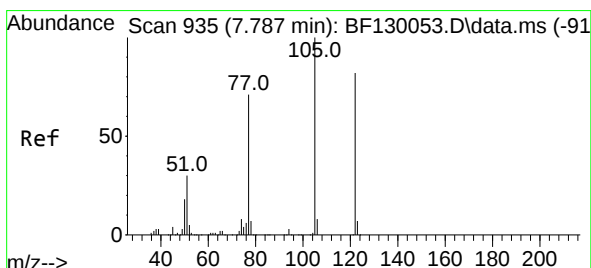
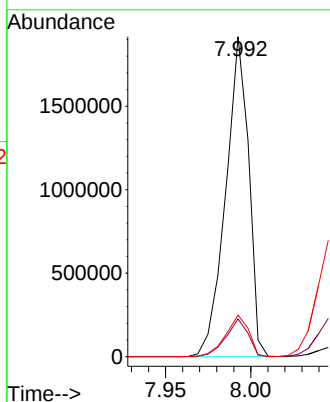
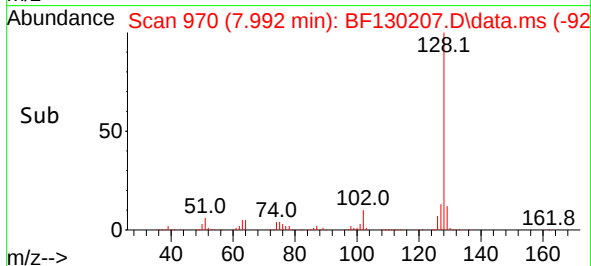
Instrument :
BNA_F
ClientSampleId :
PB147569BS



Tgt Ion:128 Resp: 1796730
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.0 10.7 16.1

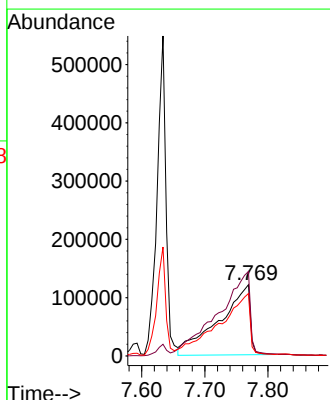
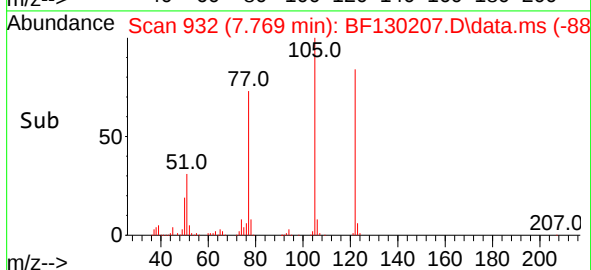
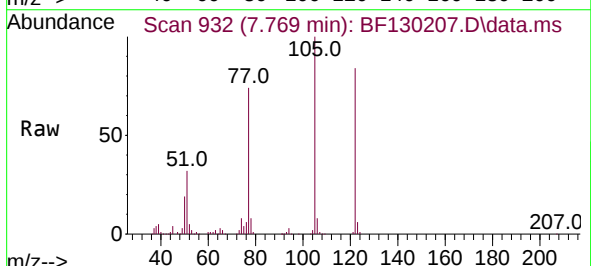
Manual Integrations
APPROVED

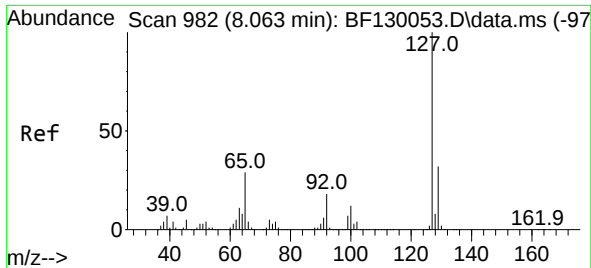
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#32
Benzoic acid
Concen: 46.640 ng
RT: 7.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:122 Resp: 410188
Ion Ratio Lower Upper
122 100
105 118.7 99.9 139.9
77 87.6 65.9 105.9





#33
4-Chloroaniline
Concen: 37.824 ng
RT: 8.045 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

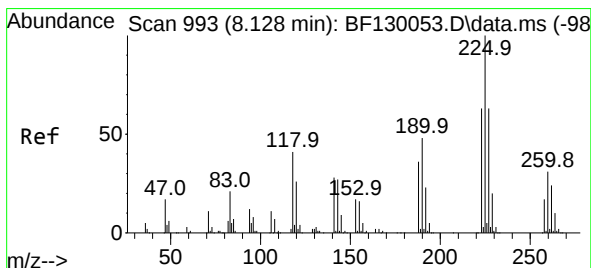
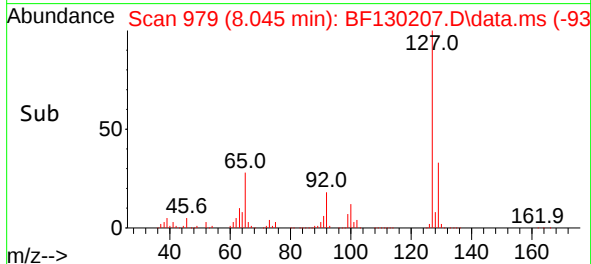
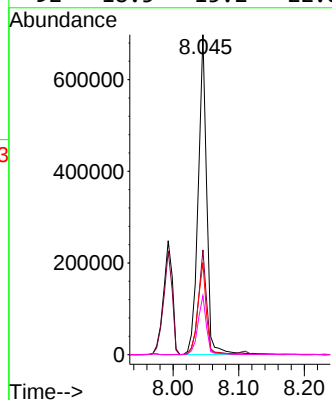
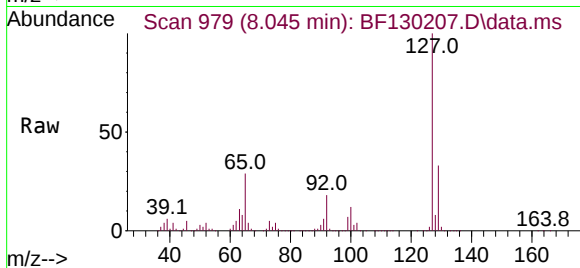
ClientSampleId :

PB147569BS

Tgt Ion:127 Resp: 631135
Ion Ratio Lower Upper
127 100
129 32.7 26.7 40.1
65 28.8 24.2 36.2
92 18.5 15.2 22.8

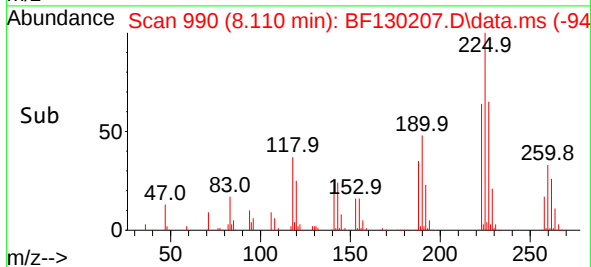
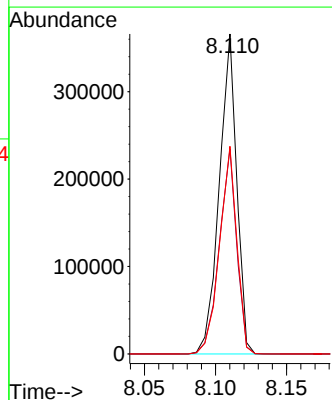
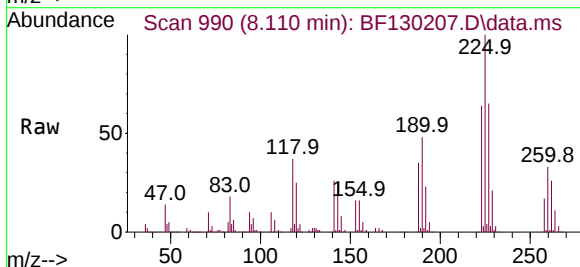
Manual Integrations
APPROVED

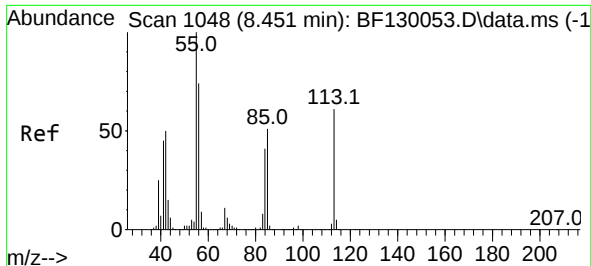
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#34
Hexachlorobutadiene
Concen: 44.860 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

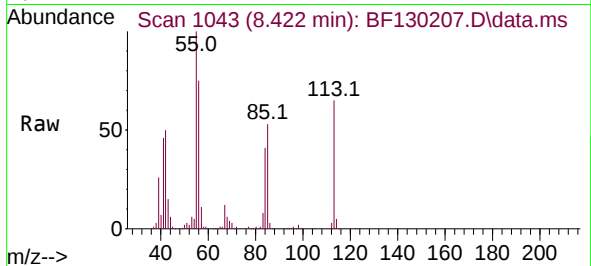
Tgt Ion:225 Resp: 313572
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.2
227 64.9 50.6 75.8





#35
Caprolactam
Concen: 50.136 ng m
RT: 8.422 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

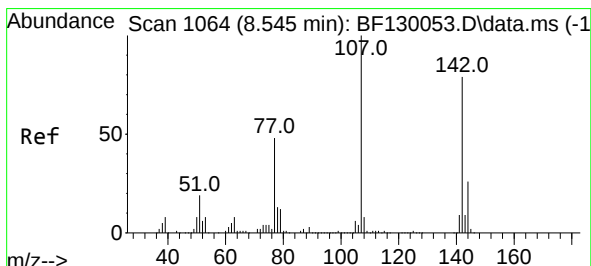
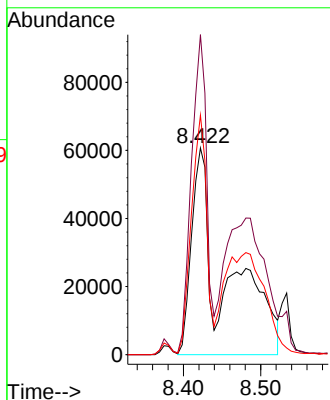
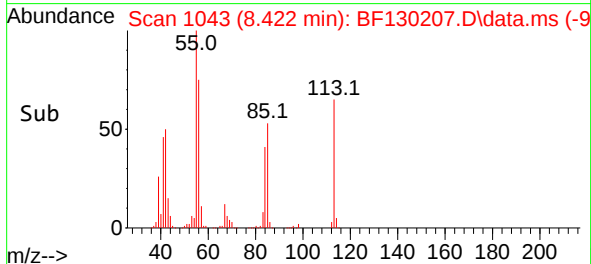
Instrument :
BNA_F
ClientSampleId :
PB147569BS



Tgt Ion:113 Resp: 179840
Ion Ratio Lower Upper
113 100
55 154.8 148.8 188.8
56 115.9 109.1 149.1

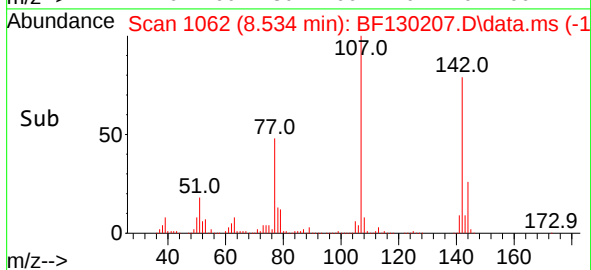
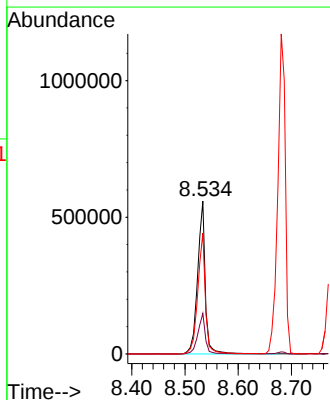
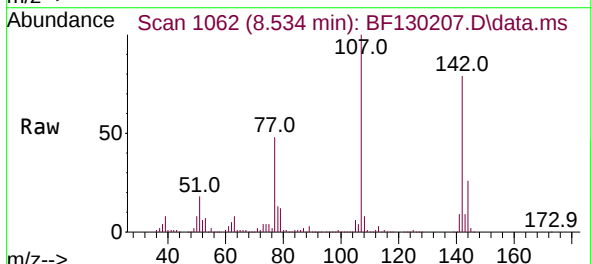
Manual Integrations
APPROVED

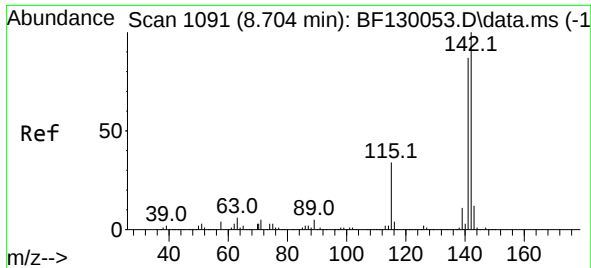
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#36
4-Chloro-3-methylphenol
Concen: 47.724 ng
RT: 8.534 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:107 Resp: 558996
Ion Ratio Lower Upper
107 100
144 26.5 19.9 29.9
142 79.0 60.2 90.4





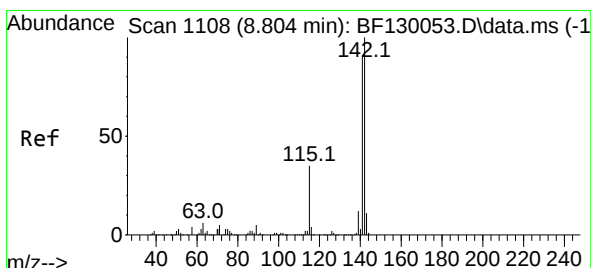
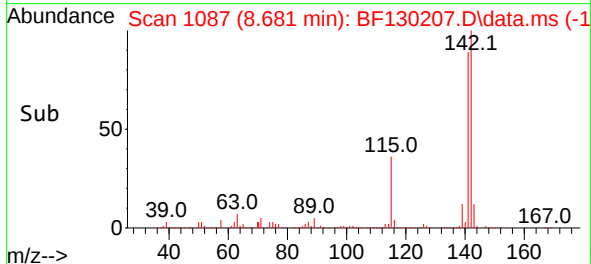
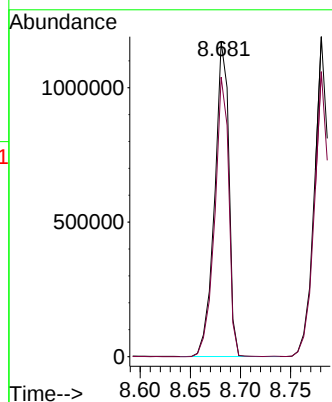
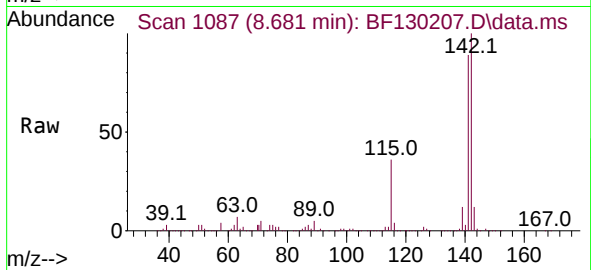
#37
2-Methylnaphthalene
Concen: 43.400 ng
RT: 8.681 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :
BNA_F
ClientSampleId :
PB147569BS

Tgt Ion:142 Resp: 1154636
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3

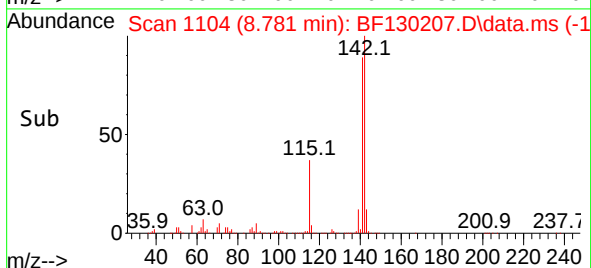
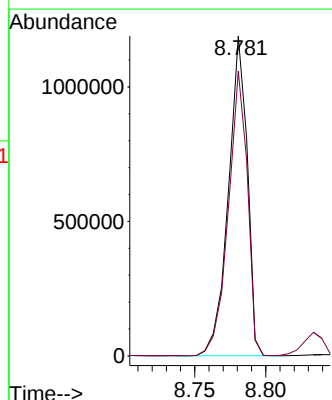
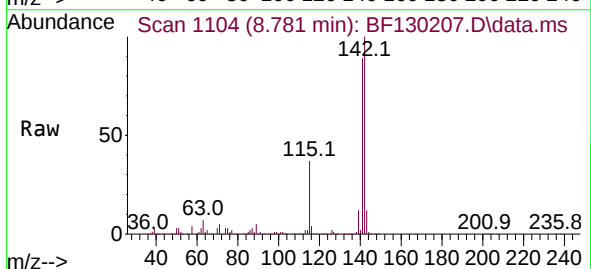
Manual Integrations
APPROVED

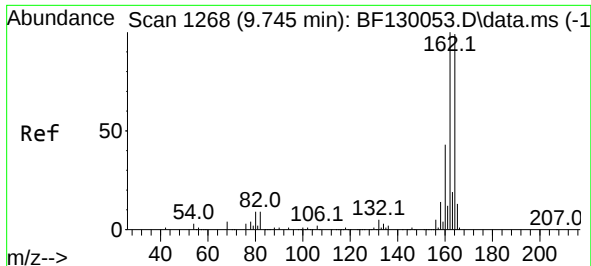
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#38
1-Methylnaphthalene
Concen: 42.536 ng
RT: 8.781 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:142 Resp: 1099962
Ion Ratio Lower Upper
142 100
141 89.0 73.5 110.3





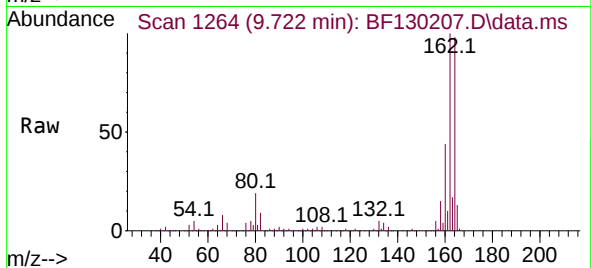
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

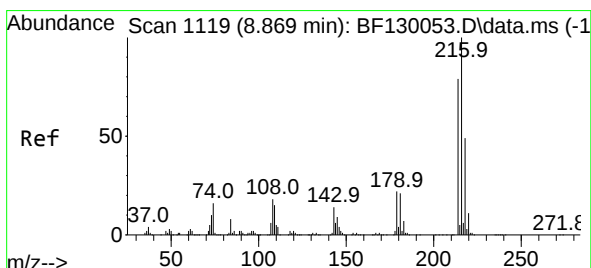
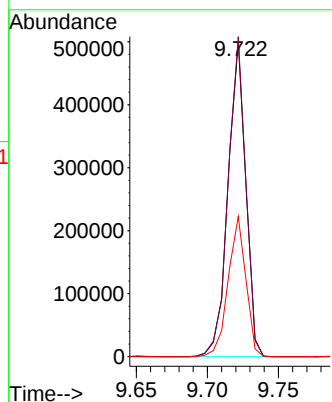
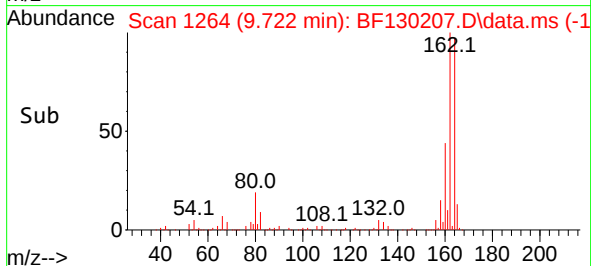


Tgt Ion:164 Resp: 432833
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 44.5 35.4 53.0

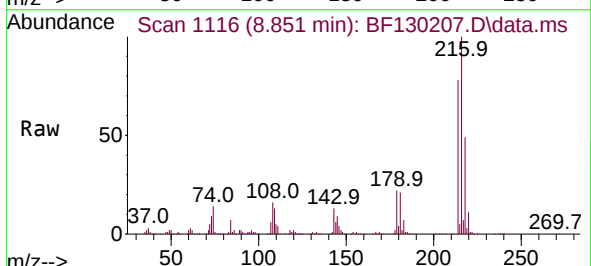
Manual Integrations

APPROVED

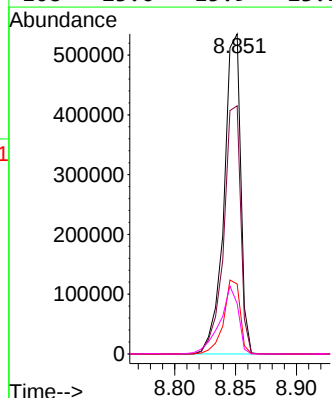
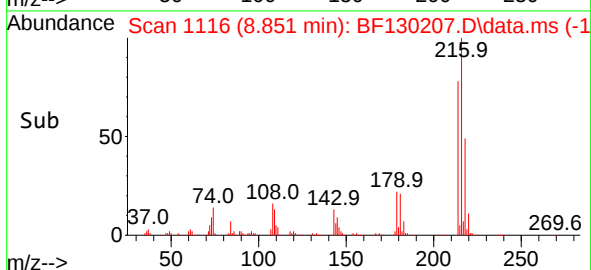
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

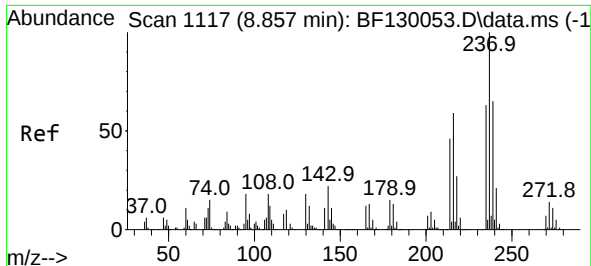


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.920 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



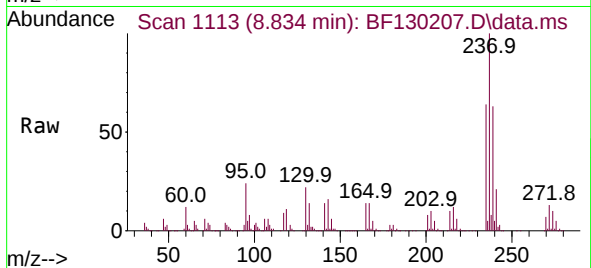
Tgt Ion:216 Resp: 506997
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 22.8 18.1 27.1
108 23.6 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 106.695 ng
RT: 8.834 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

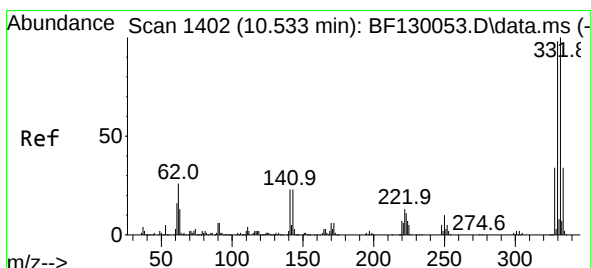
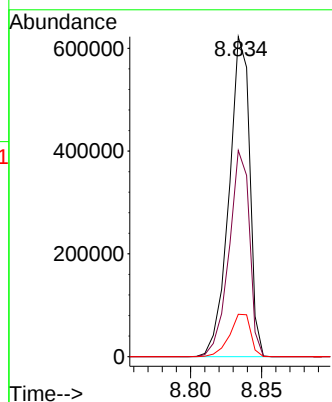
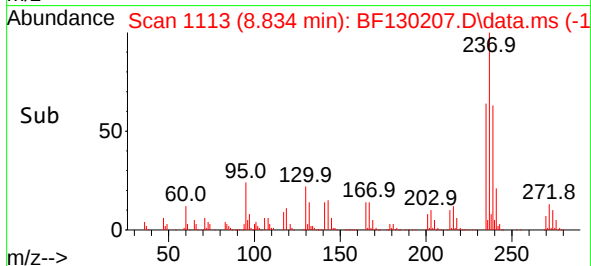
Instrument :
BNA_F
ClientSampleId :
PB147569BS



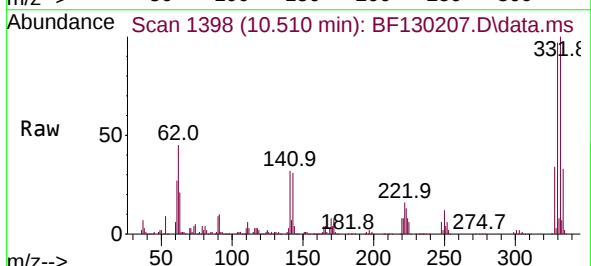
Tgt Ion:237 Resp: 629338
Ion Ratio Lower Upper
237 100
235 64.4 41.5 81.5
272 13.3 0.0 33.3

Manual Integrations
APPROVED

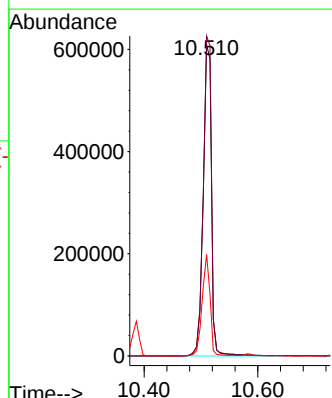
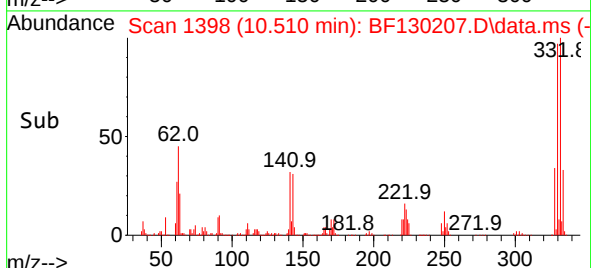
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

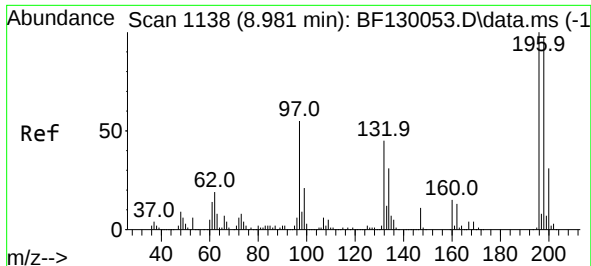


#42
2,4,6-Tribromophenol
Concen: 155.010 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



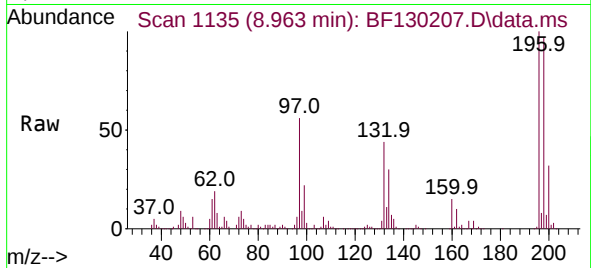
Tgt Ion:330 Resp: 610738
Ion Ratio Lower Upper
330 100
332 103.2 82.6 124.0
141 31.4 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 45.719 ng
RT: 8.963 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

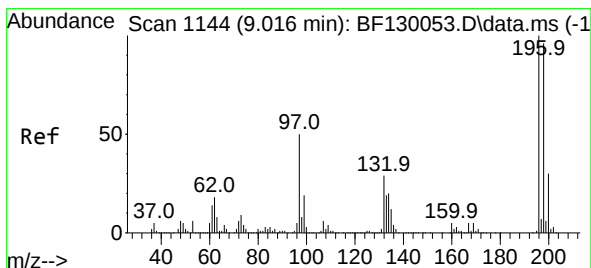
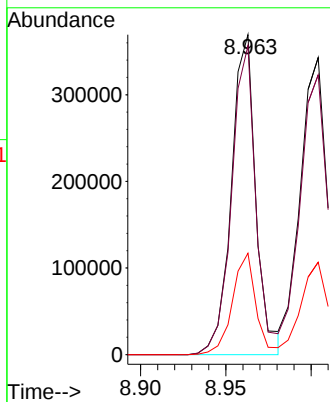
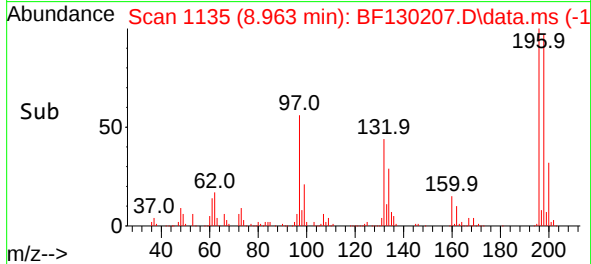
Instrument :
BNA_F
ClientSampleId :
PB147569BS



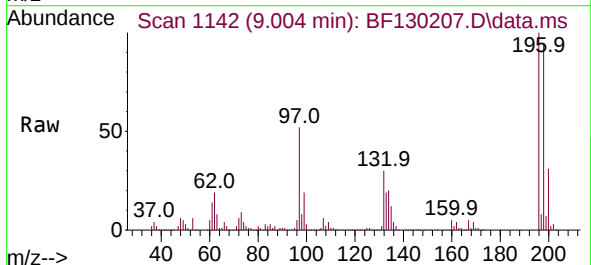
Tgt Ion:196 Resp: 368332
Ion Ratio Lower Upper
196 100
198 96.6 79.0 118.4
200 31.7 25.1 37.7

Manual Integrations
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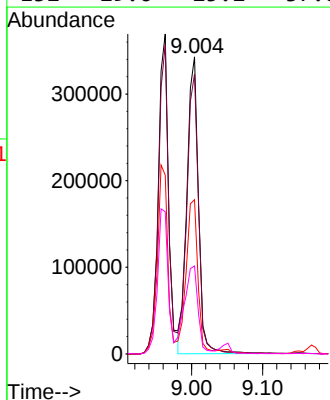
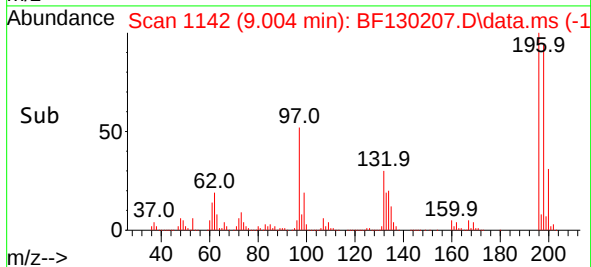
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

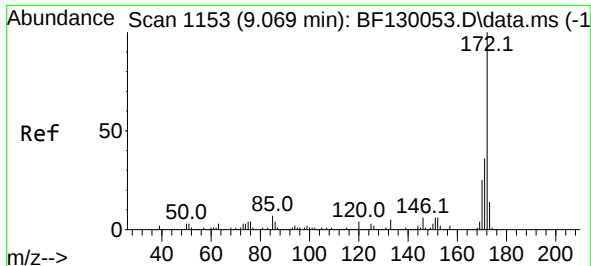


#44
2,4,5-Trichlorophenol
Concen: 44.631 ng
RT: 9.004 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



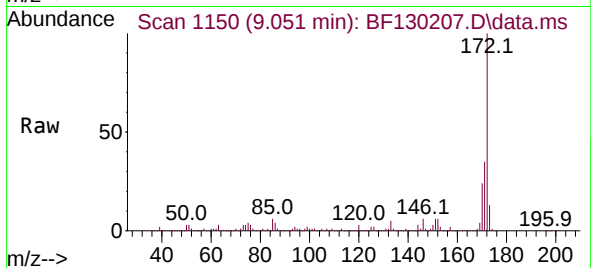
Tgt Ion:196 Resp: 389727
Ion Ratio Lower Upper
196 100
198 94.2 76.4 114.6
97 51.9 46.5 69.7
132 29.6 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 84.429 ng
RT: 9.051 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

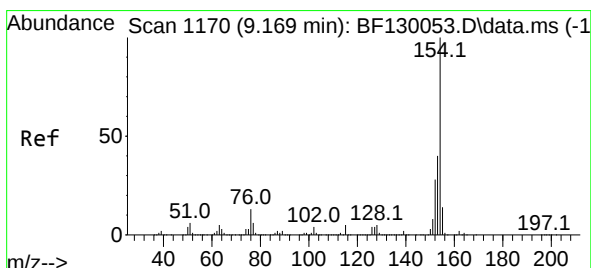
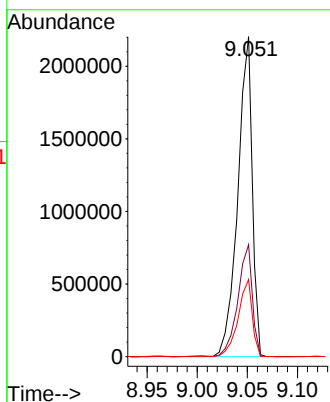
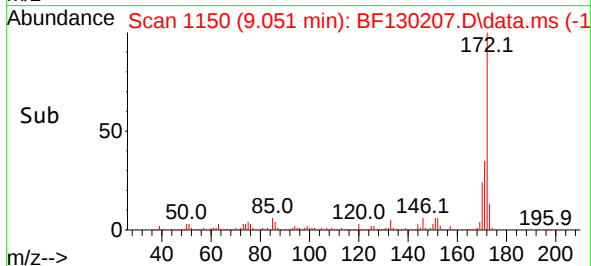
Instrument :
BNA_F
ClientSampleId :
PB147569BS



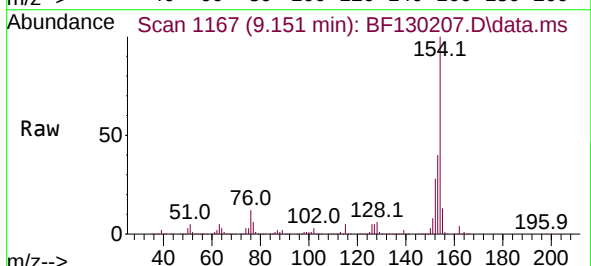
Tgt Ion:172 Resp: 2204143
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 24.1 19.1 28.7

Manual Integrations
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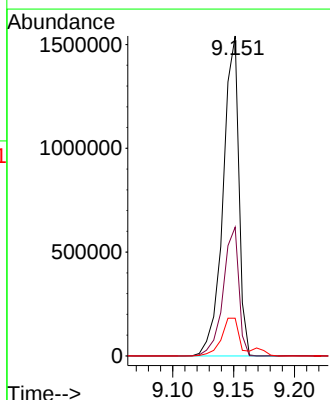
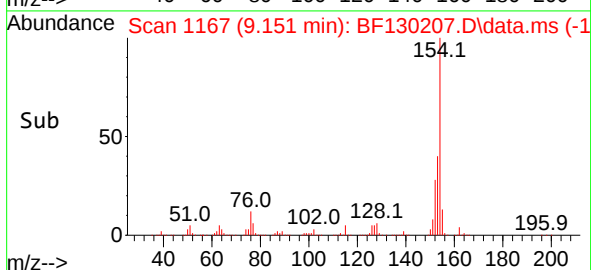
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

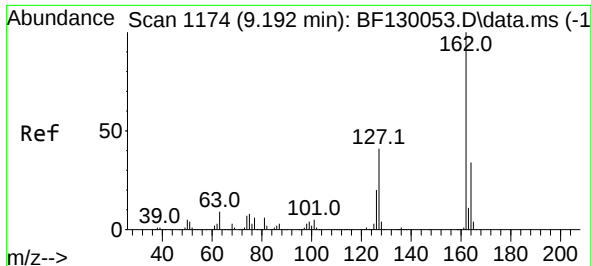


#46
1,1'-Biphenyl
Concen: 43.987 ng
RT: 9.151 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:154 Resp: 1383182
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.8 0.0 32.1





#47

2-Chloronaphthalene

Concen: 43.281 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

Tgt Ion:162 Resp: 1090468

Ion Ratio Lower Upper

162 100

127 43.0 33.1 49.7

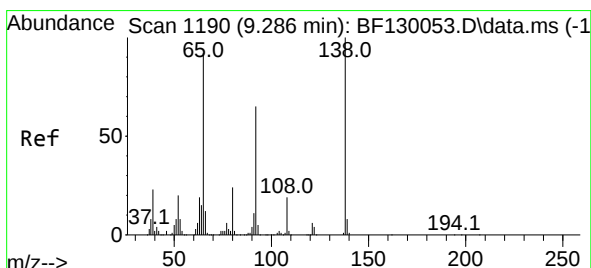
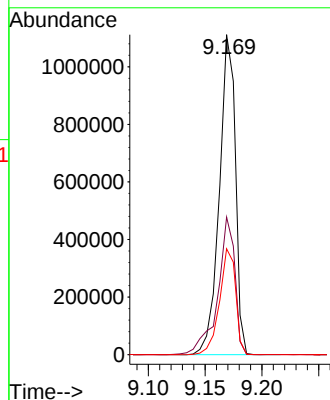
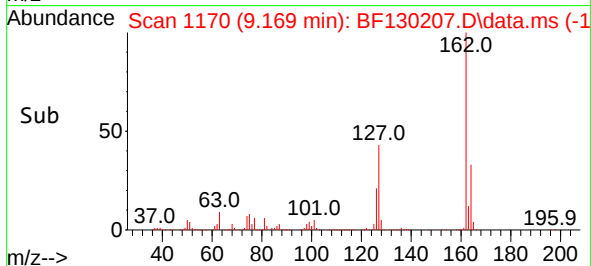
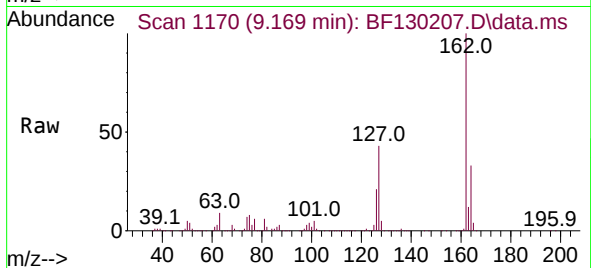
164 33.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022



#48

2-Nitroaniline

Concen: 54.508 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

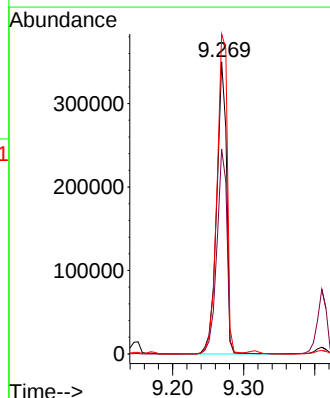
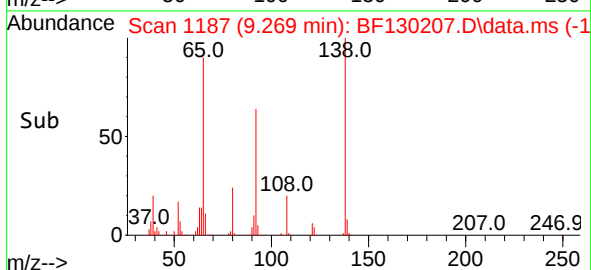
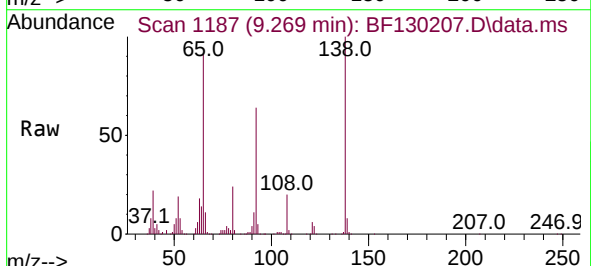
Tgt Ion: 65 Resp: 338430

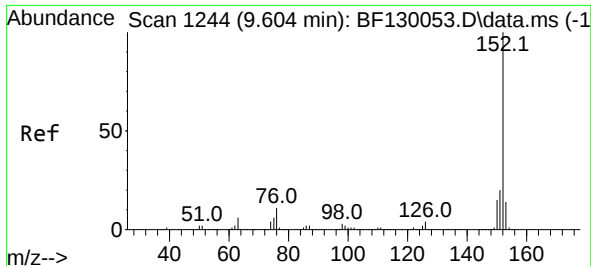
Ion Ratio Lower Upper

65 100

92 70.1 55.0 82.4

138 109.5 81.3 121.9





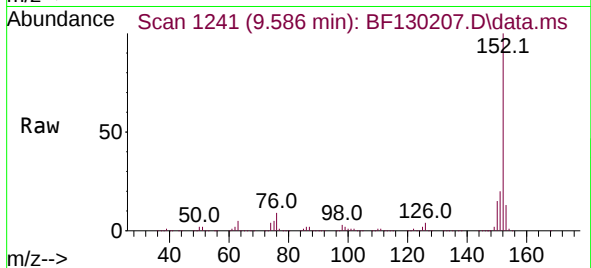
#49
Acenaphthylene
Concen: 43.241 ng
RT: 9.586 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

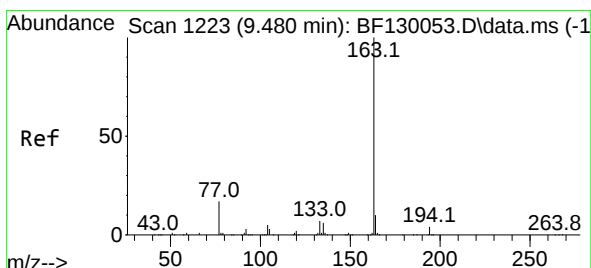
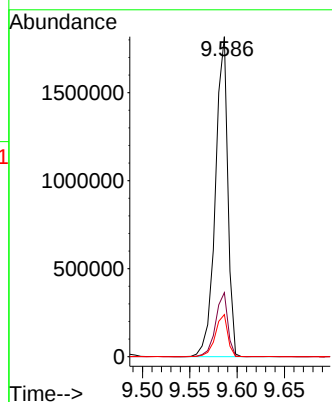
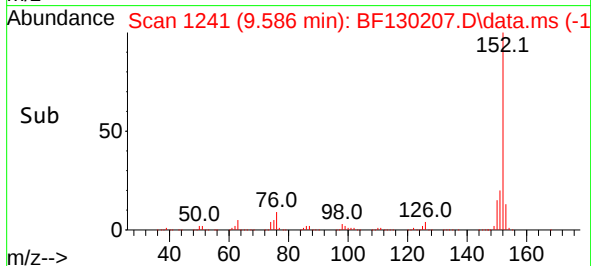


Tgt Ion:152 Resp: 1654403
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.6 16.0

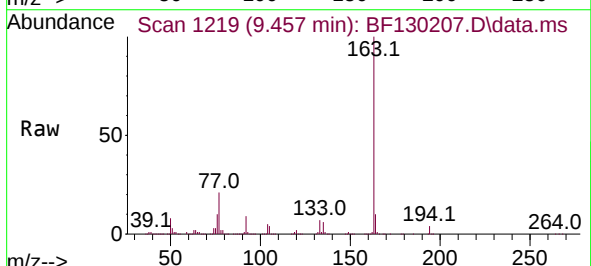
Manual Integrations

APPROVED

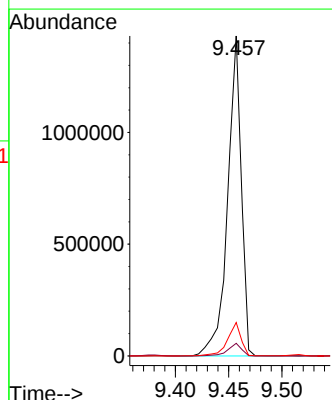
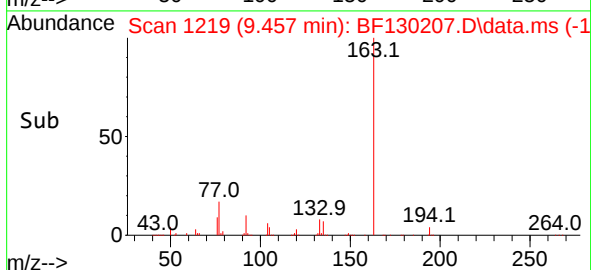
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

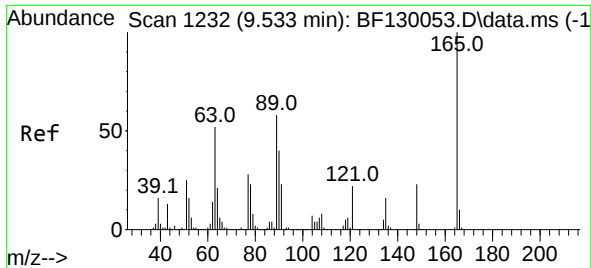


#50
Dimethylphthalate
Concen: 43.438 ng
RT: 9.457 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



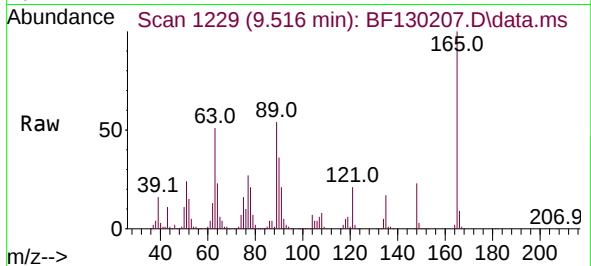
Tgt Ion:163 Resp: 1280599
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.704 ng
RT: 9.516 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

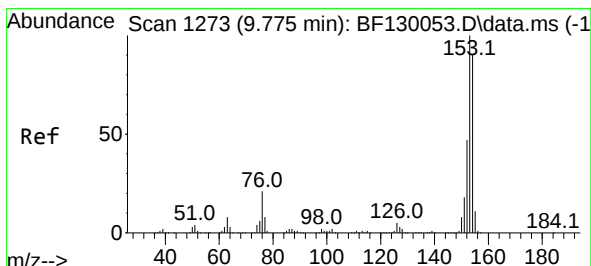
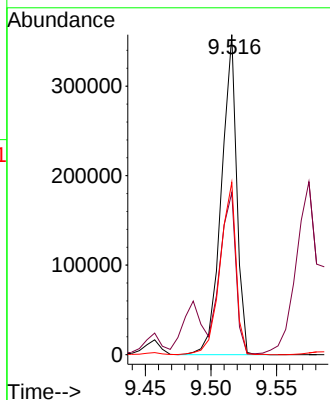
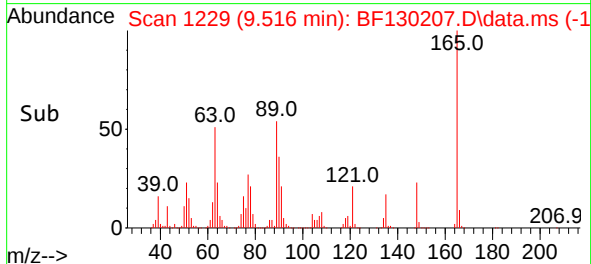
Instrument :
BNA_F
ClientSampleId :
PB147569BS



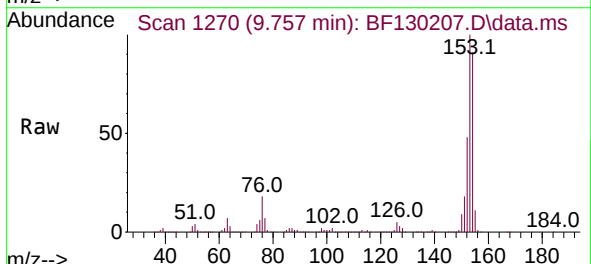
Tgt Ion:165 Resp: 291440
Ion Ratio Lower Upper
165 100
63 50.6 47.8 71.8
89 53.8 47.2 70.8

Manual Integrations
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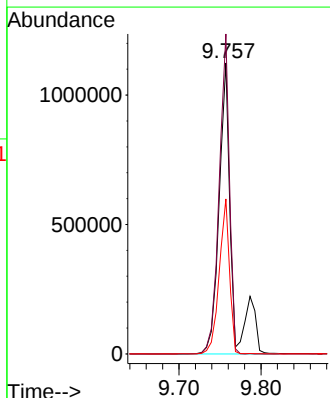
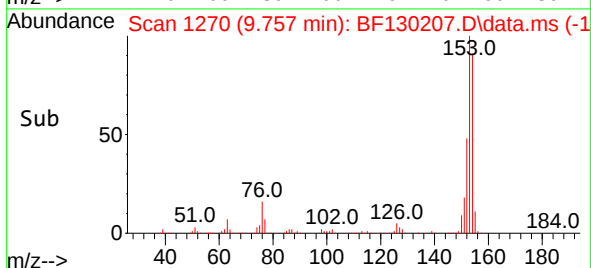
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

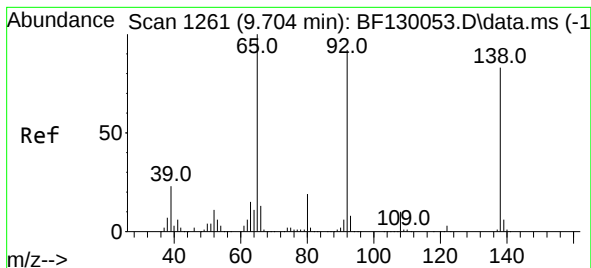


#52
Acenaphthene
Concen: 49.517 ng m
RT: 9.757 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:154 Resp: 1193970
Ion Ratio Lower Upper
154 100
153 110.0 89.8 134.6
152 53.3 42.1 63.1





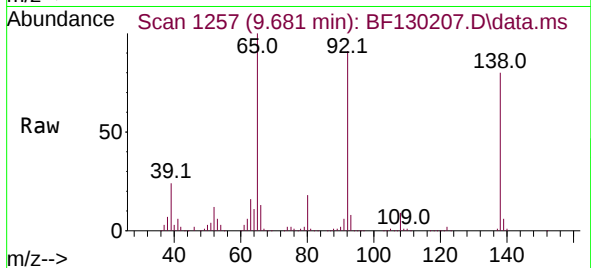
#53
3-Nitroaniline
Concen: 42.143 ng
RT: 9.681 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

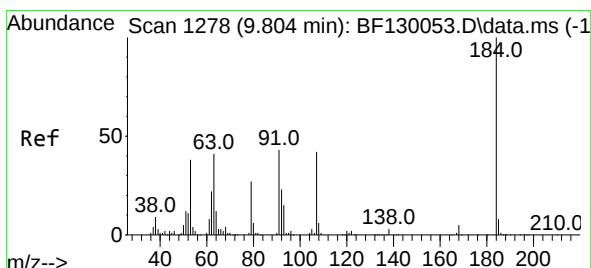
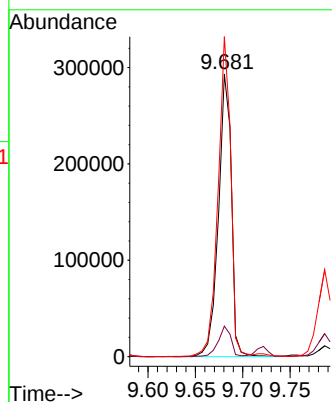
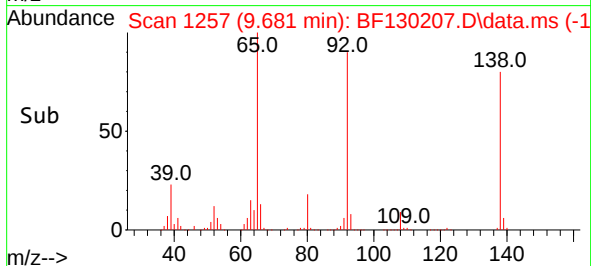


Tgt Ion:138 Resp: 278034
Ion Ratio Lower Upper
138 100
108 10.8 8.4 12.6
92 113.2 89.8 134.8

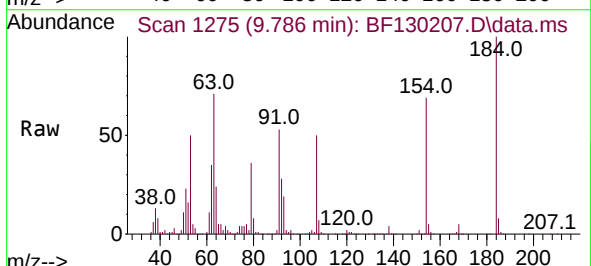
Manual Integrations

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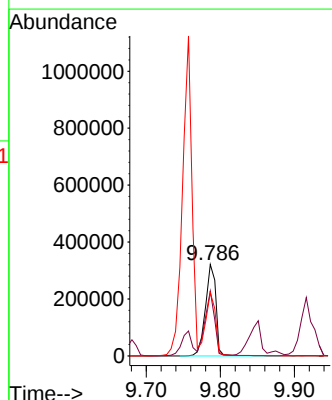
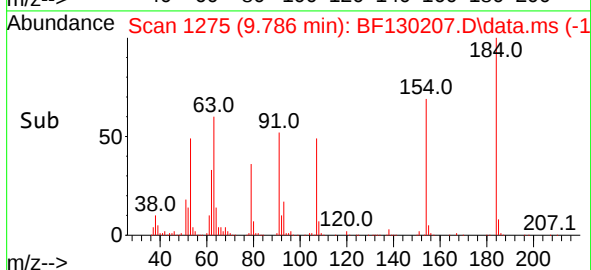
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

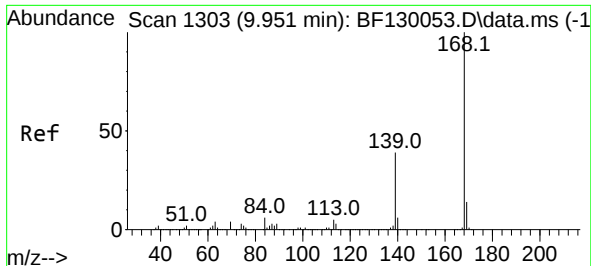


#54
2,4-Dinitrophenol
Concen: 117.061 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:184 Resp: 316358
Ion Ratio Lower Upper
184 100
63 70.9 59.6 89.4
154 69.2 55.3 82.9





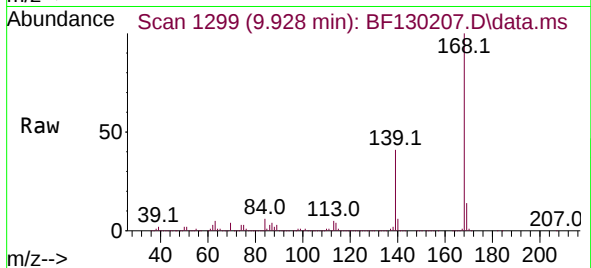
#55
Dibenzenofuran
Concen: 43.434 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

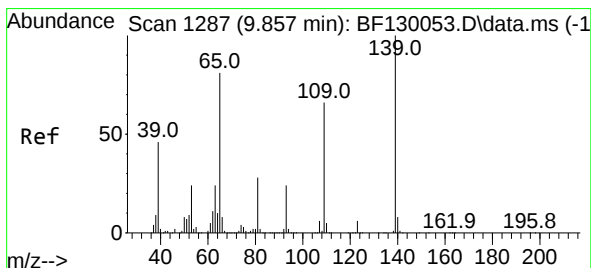
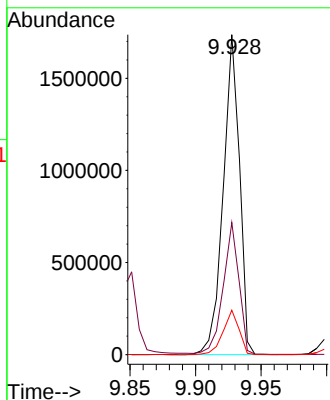
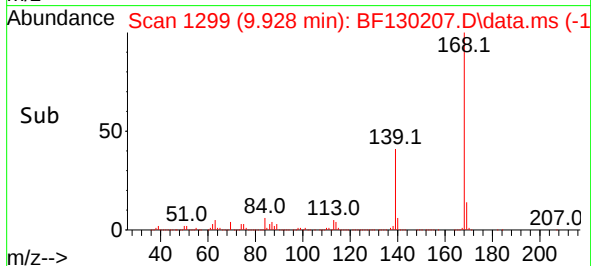


Tgt Ion:168 Resp: 1499668
Ion Ratio Lower Upper
168 100
139 41.3 31.3 46.9
169 13.9 10.7 16.1

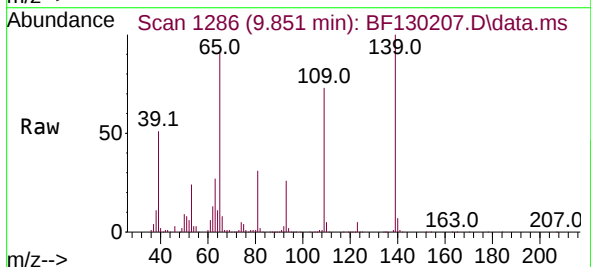
Manual Integrations

APPROVED

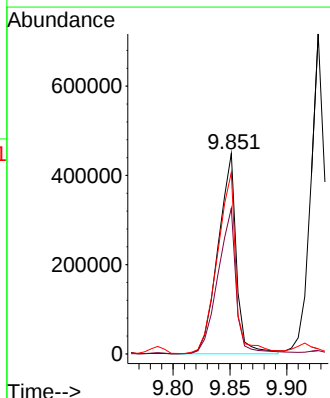
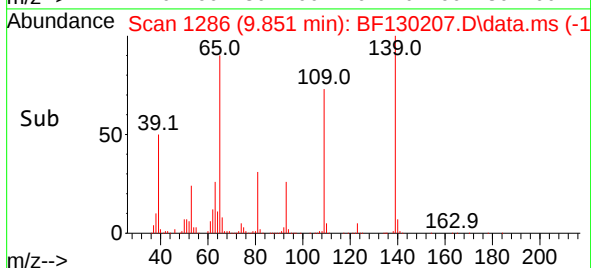
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

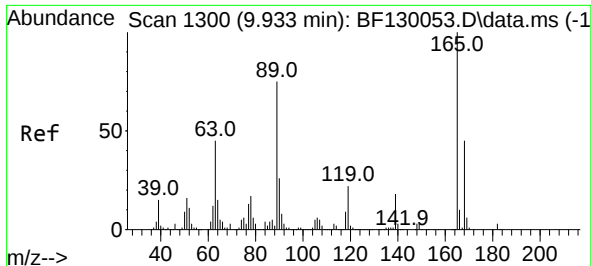


#56
4-Nitrophenol
Concen: 99.025 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:139 Resp: 503678
Ion Ratio Lower Upper
139 100
109 72.7 52.9 92.9
65 90.5 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 57.648 ng

RT: 9.916 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF130207.D

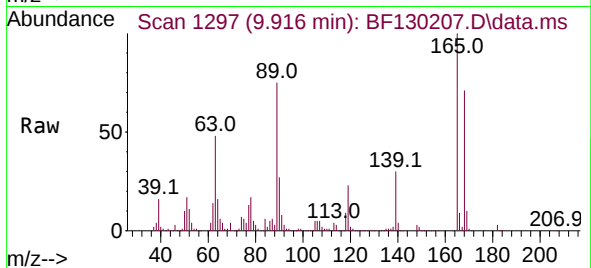
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS



Tgt Ion:165 Resp: 381497

Ion Ratio Lower Upper

165 100

63 47.7 48.4 72.6

89 75.1 62.3 93.5

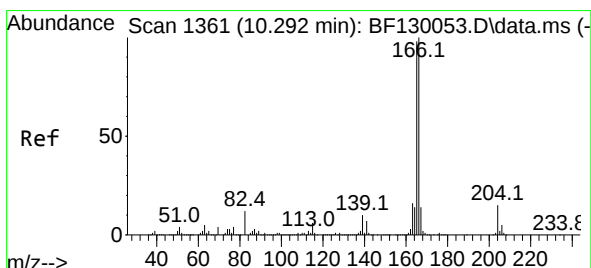
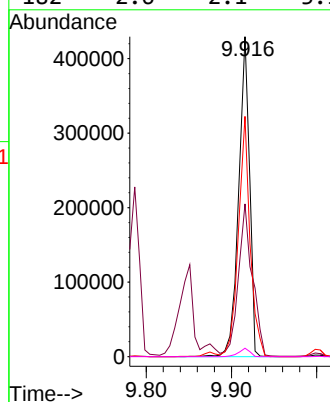
182 2.6 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022



#58

Fluorene

Concen: 44.316 ng

RT: 10.269 min Scan# 1357

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

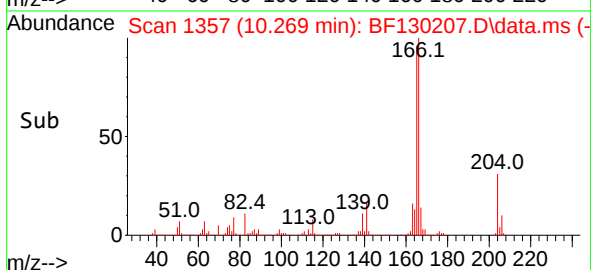
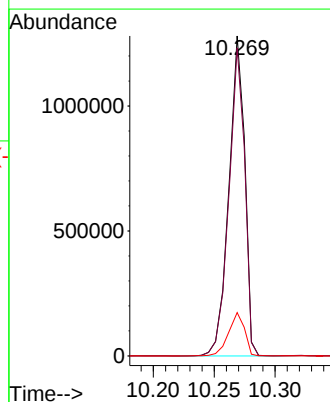
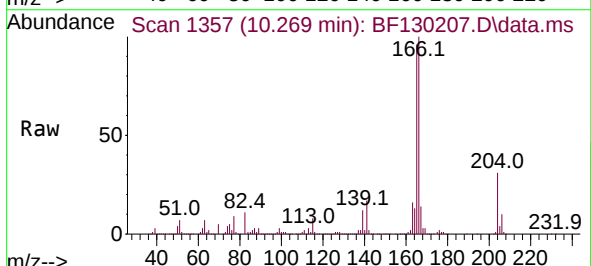
Tgt Ion:166 Resp: 1164249

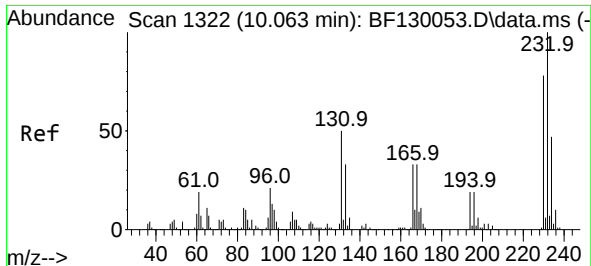
Ion Ratio Lower Upper

166 100

165 96.3 77.9 116.9

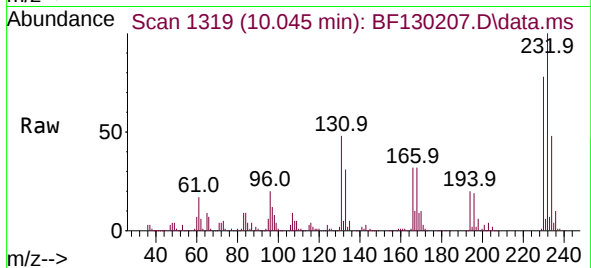
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.087 ng
RT: 10.045 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

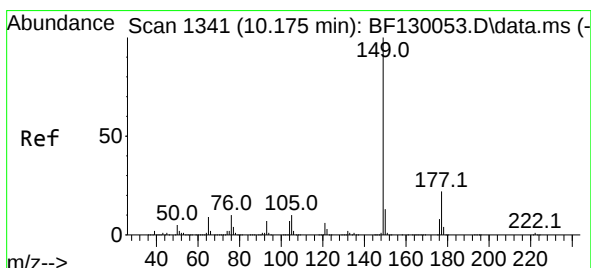
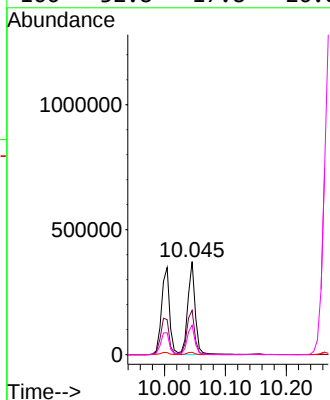
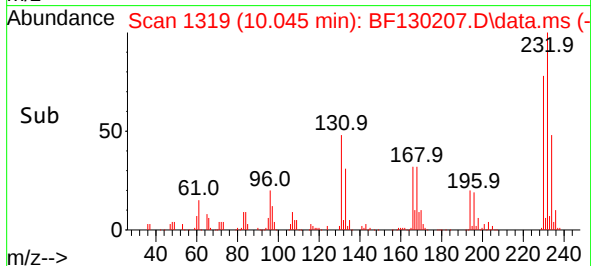
Instrument :
BNA_F
ClientSampleId :
PB147569BS



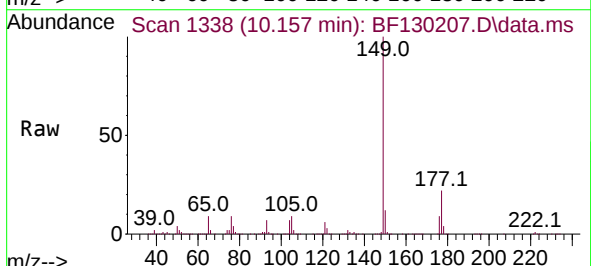
Tgt Ion:232 Resp: 312572
Ion Ratio Lower Upper
232 100
131 50.4 29.9 44.9
130 2.7 1.5 2.3
166 32.8 17.8 26.8

Manual Integrations
APPROVED

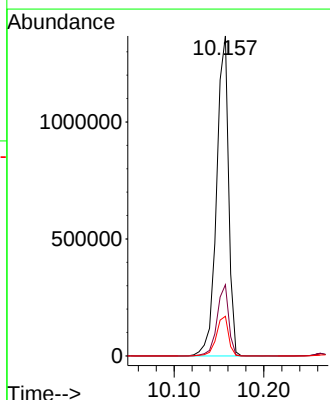
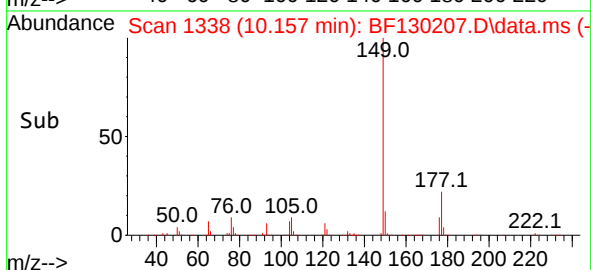
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

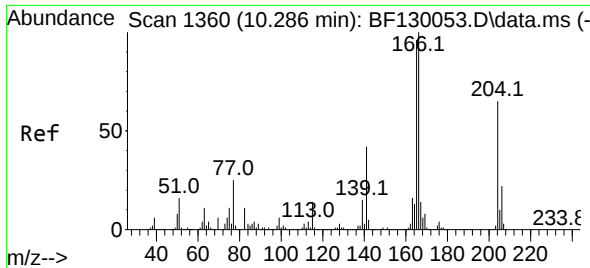


#60
Diethylphthalate
Concen: 44.362 ng
RT: 10.157 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:149 Resp: 1265250
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.753 ng
RT: 10.263 min Scan# 1356
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

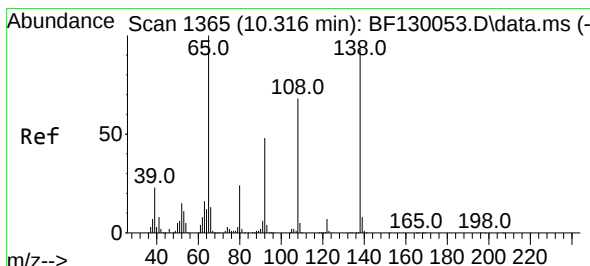
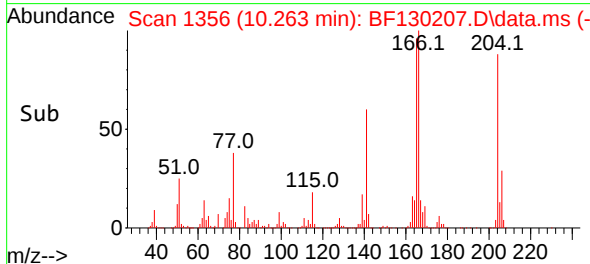
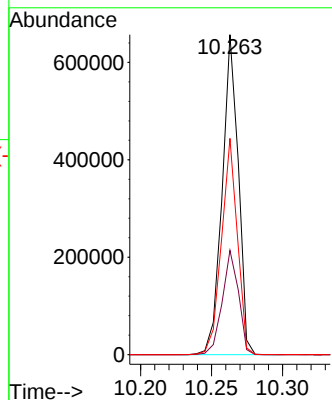
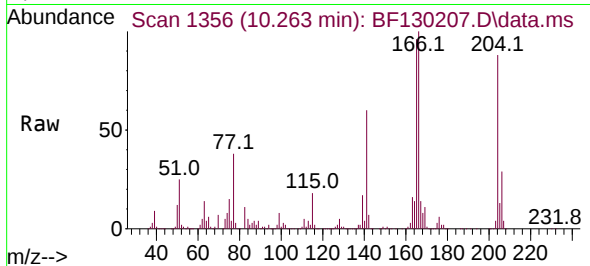
PB147569BS

Tgt Ion:204 Resp: 519735
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 67.6 52.6 79.0

Manual Integrations

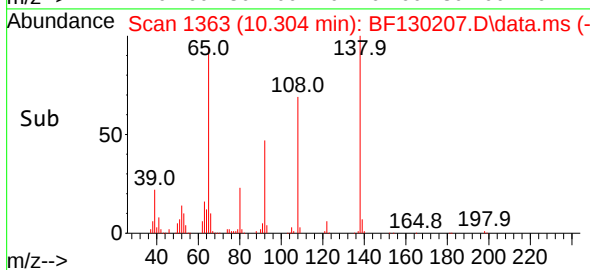
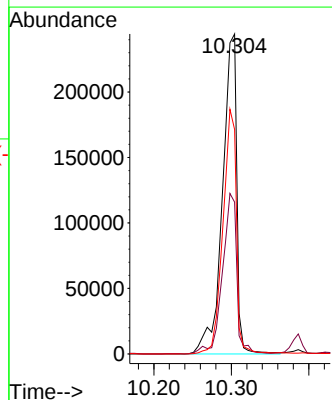
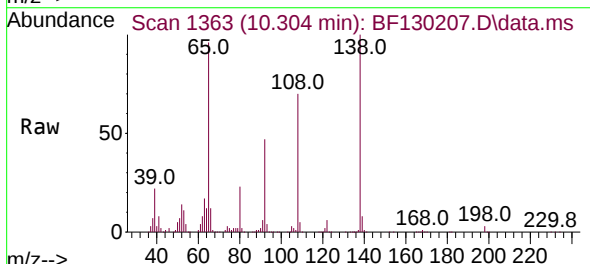
APPROVED

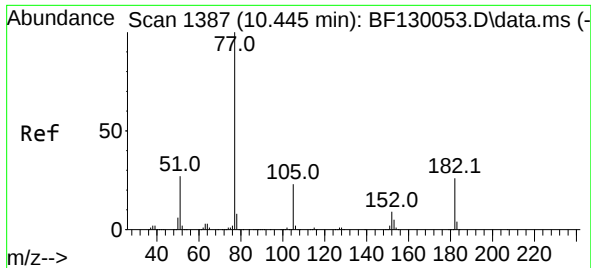
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#62
4-Nitroaniline
Concen: 48.866 ng
RT: 10.304 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:138 Resp: 313538
Ion Ratio Lower Upper
138 100
92 47.4 30.3 70.3
108 70.1 55.7 95.7





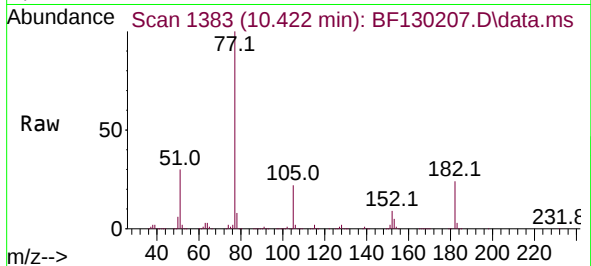
#63
Azobenzene
Concen: 42.032 ng
RT: 10.422 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS



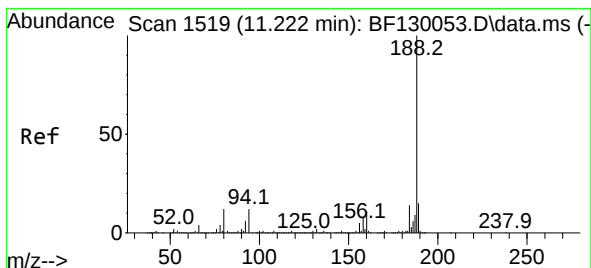
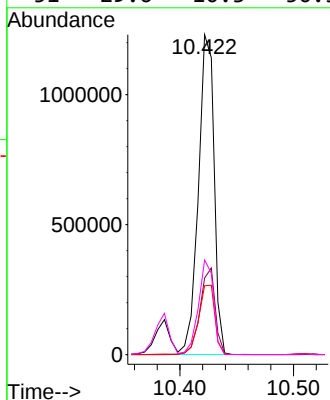
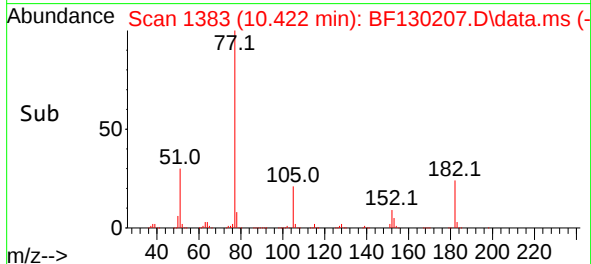
Tgt Ion: 77 Resp: 1180300
Ion Ratio Lower Upper
77 100
182 23.9 2.2 42.2
105 21.5 0.8 40.8
51 29.6 10.3 50.3

Manual Integrations

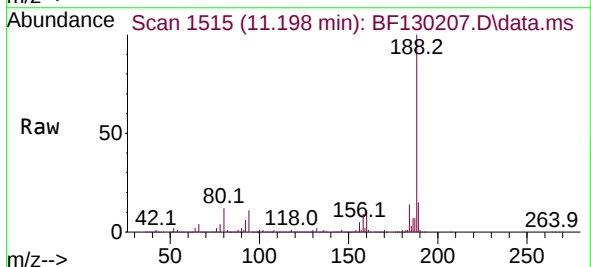
APPROVED

Reviewed By :Christian Giraldo 09/13/2022

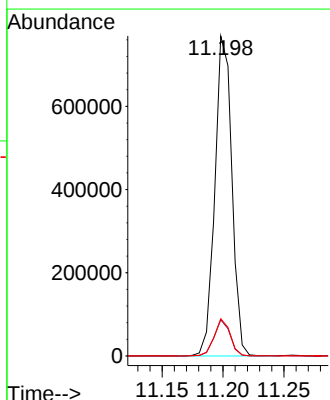
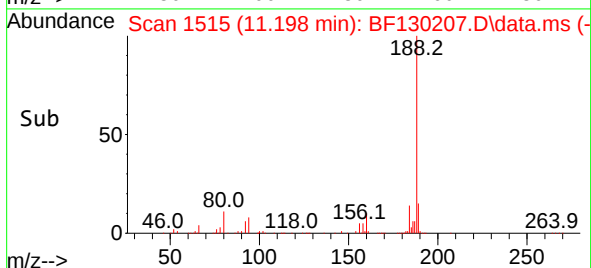
Supervised By :Jagrut Upadhyay 09/13/2022

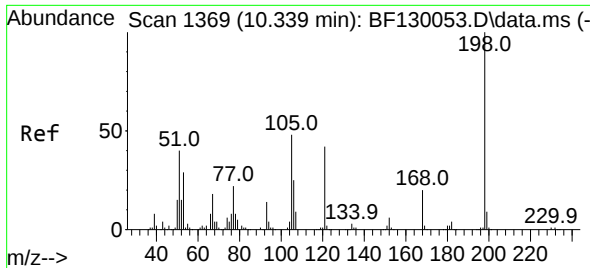


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.198 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



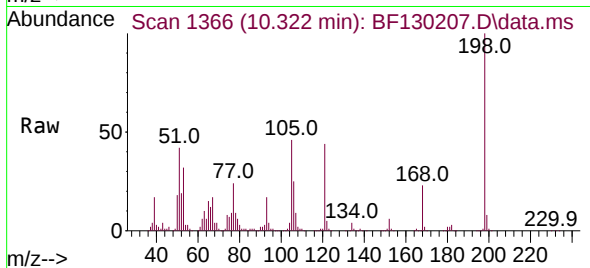
Tgt Ion:188 Resp: 745126
Ion Ratio Lower Upper
188 100
94 11.3 7.4 11.2#
80 11.6 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 53.239 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

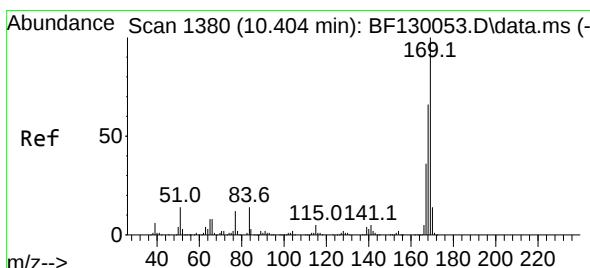
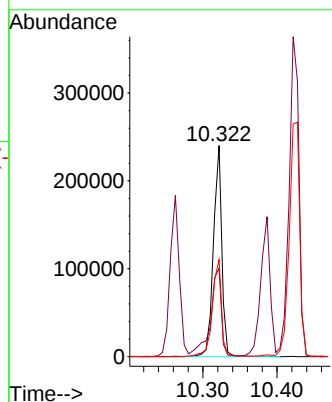
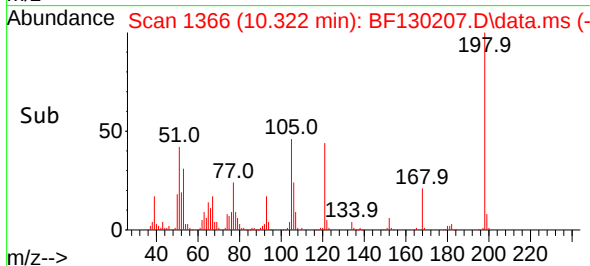
Instrument :
BNA_F
ClientSampleId :
PB147569BS



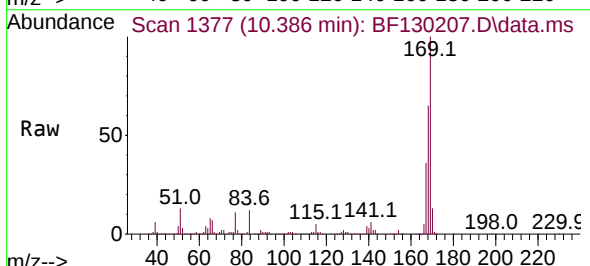
Tgt Ion:198 Resp: 189424
Ion Ratio Lower Upper
198 100
51 41.8 29.4 69.4
105 45.8 29.2 69.2

Manual Integrations
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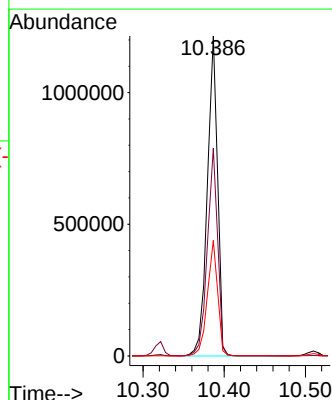
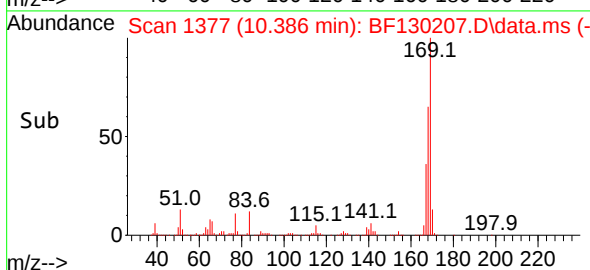
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

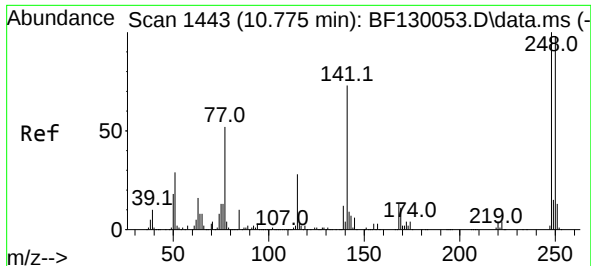


#66
n-Nitrosodiphenylamine
Concen: 43.068 ng
RT: 10.386 min Scan# 1377
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:169 Resp: 1072785
Ion Ratio Lower Upper
169 100
168 64.9 53.4 80.2
167 36.1 29.1 43.7





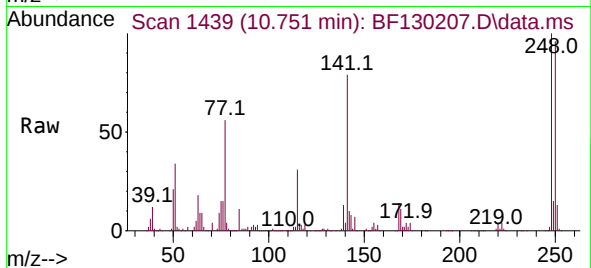
#67
4-Bromophenyl-phenylether
Concen: 44.453 ng
RT: 10.751 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

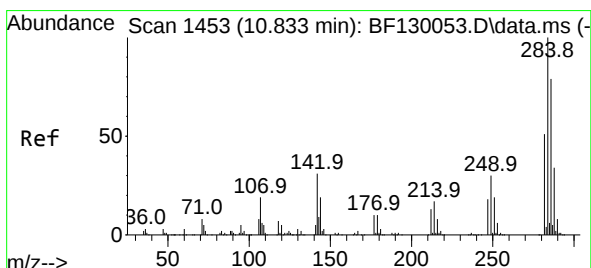
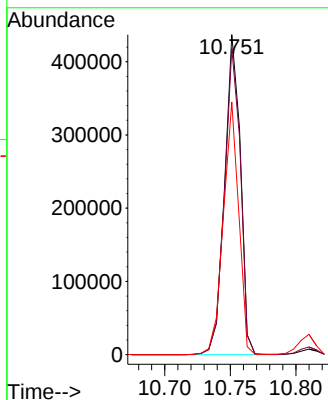
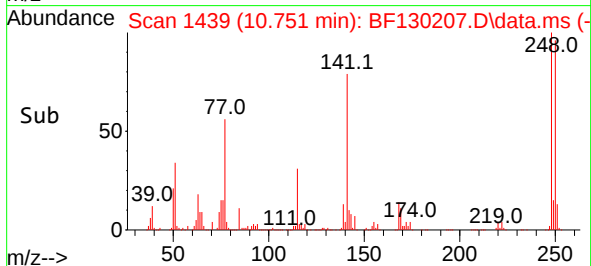


Tgt Ion:248 Resp: 368431
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.6
141 78.9 66.2 99.2

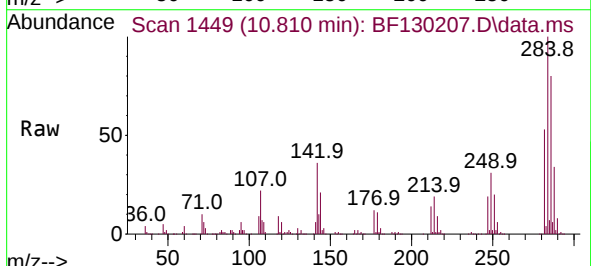
Manual Integrations

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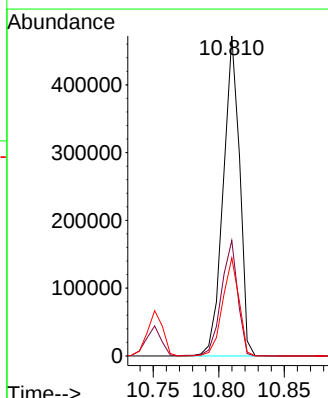
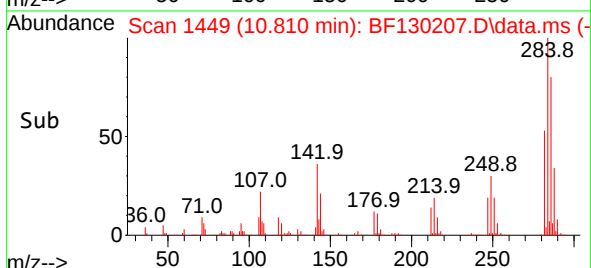
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

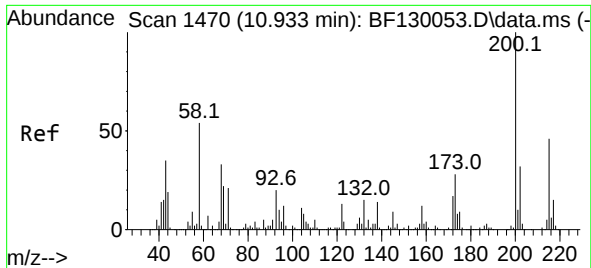


#68
Hexachlorobenzene
Concen: 45.454 ng
RT: 10.810 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



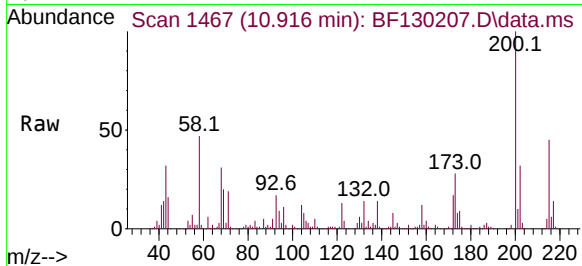
Tgt Ion:284 Resp: 410490
Ion Ratio Lower Upper
284 100
142 36.1 31.4 47.0
249 30.6 25.7 38.5





#69
 Atrazine
 Concen: 47.206 ng
 RT: 10.916 min Scan# 1467
 Delta R.T. -0.012 min
 Lab File: BF130207.D
 Acq: 12 Sep 2022 14:04

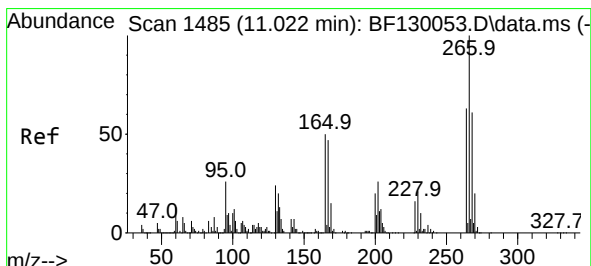
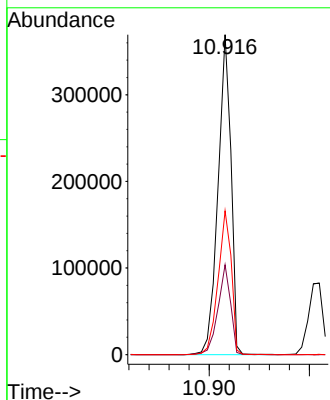
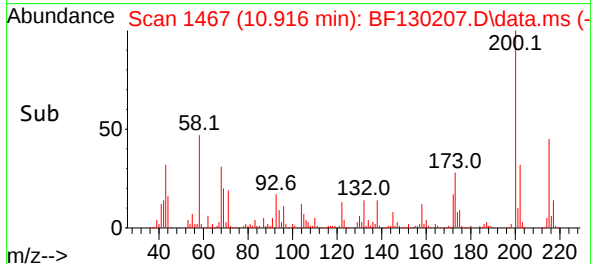
Instrument :
 BNA_F
 ClientSampleId :
 PB147569BS



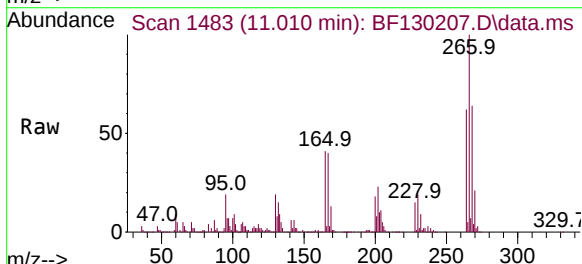
Tgt Ion:200 Resp: 332653
 Ion Ratio Lower Upper
 200 100
 173 28.1 6.4 46.4
 215 44.9 27.1 67.1

Manual Integrations
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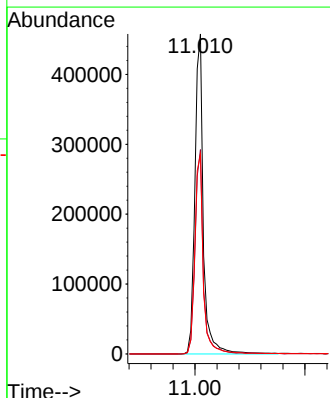
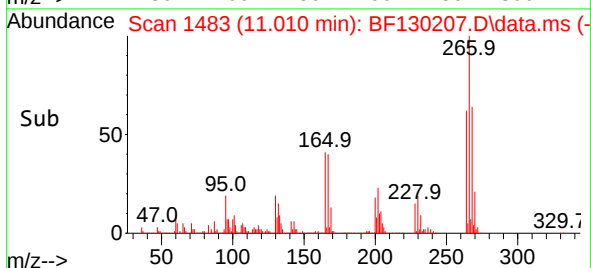
Reviewed By :Christian Giraldo 09/13/2022
 Supervised By :Jagrut Upadhyay 09/13/2022

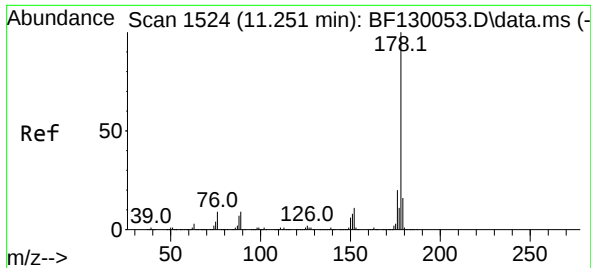


#70
 Pentachlorophenol
 Concen: 96.595 ng
 RT: 11.010 min Scan# 1483
 Delta R.T. -0.006 min
 Lab File: BF130207.D
 Acq: 12 Sep 2022 14:04



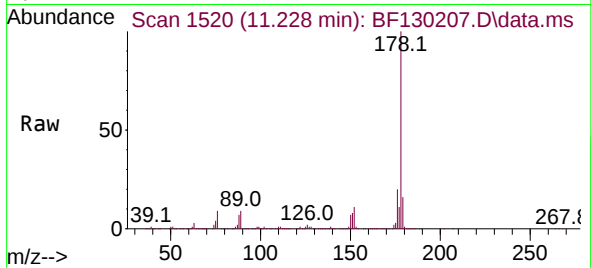
Tgt Ion:266 Resp: 487801
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.0 73.4
 264 62.4 47.9 71.9





#71
Phenanthrene
Concen: 42.979 ng
RT: 11.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

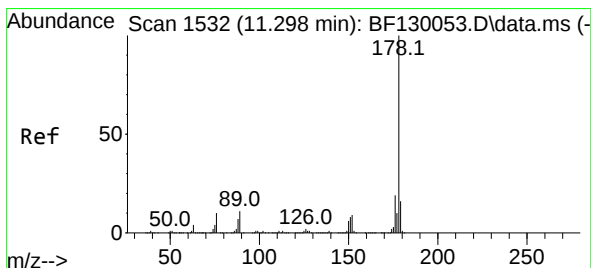
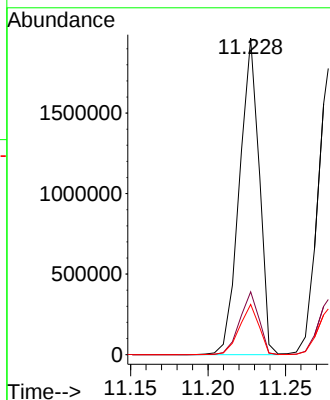
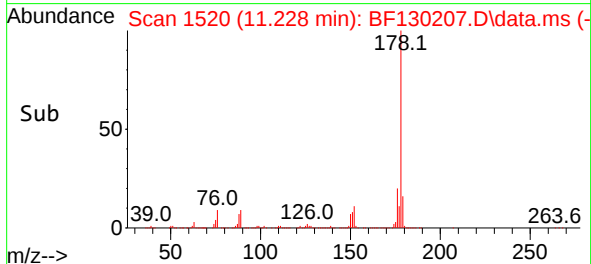
Instrument :
BNA_F
ClientSampleId :
PB147569BS



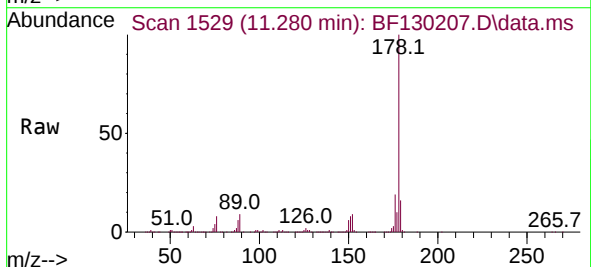
Tgt Ion:178 Resp: 173673
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.5 18.7

Manual Integrations
APPROVED

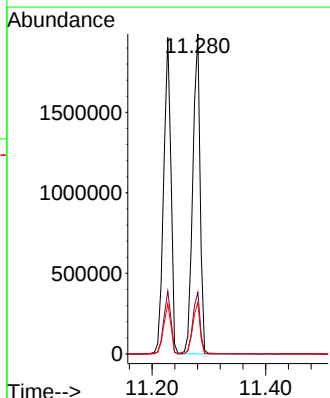
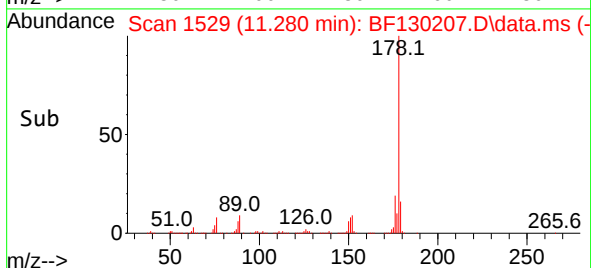
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

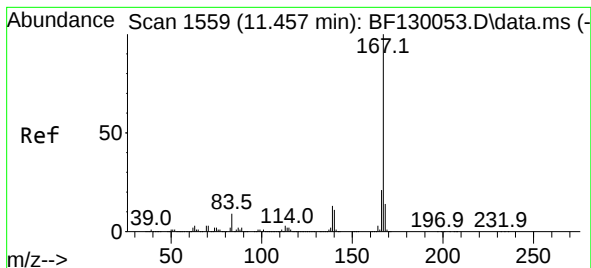


#72
Anthracene
Concen: 44.404 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:178 Resp: 1763901
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.0 12.6 18.8





#73

Carbazole

Concen: 45.027 ng

RT: 11.433 min Scan# 1555

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

Tgt Ion:167 Resp: 1649413

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

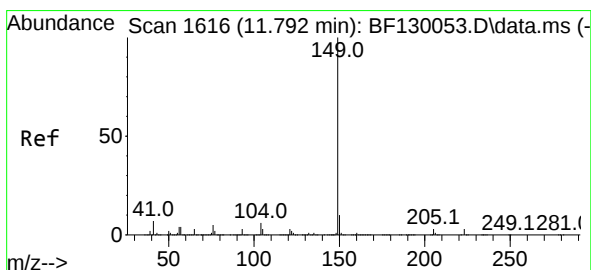
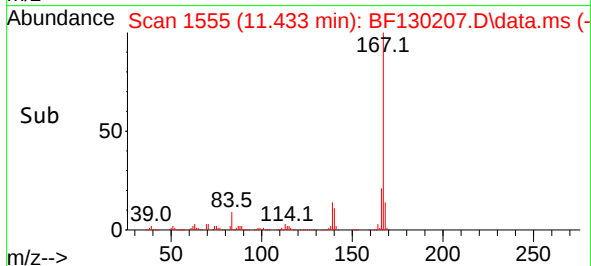
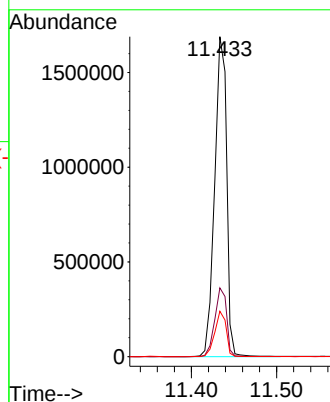
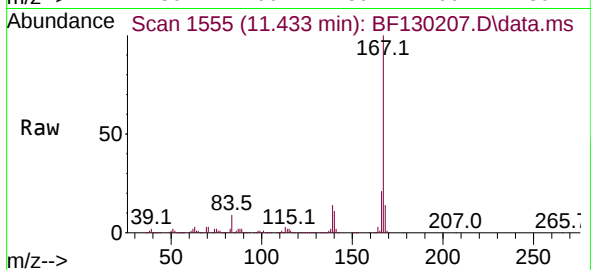
139 14.2 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022



#74

Di-n-butylphthalate

Concen: 43.360 ng

RT: 11.769 min Scan# 1612

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

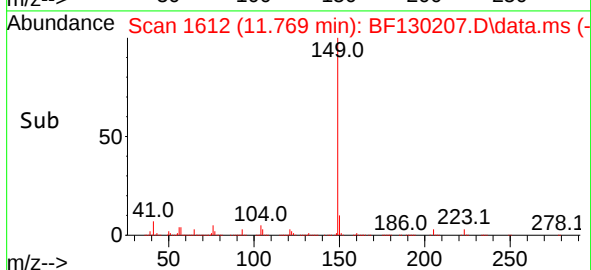
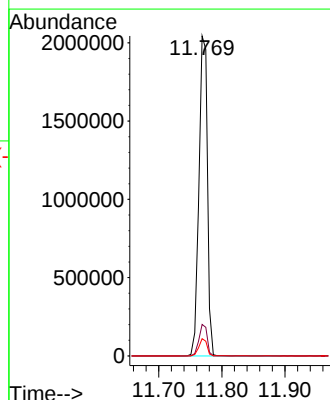
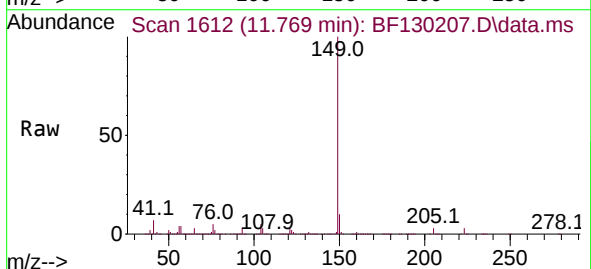
Tgt Ion:149 Resp: 1915282

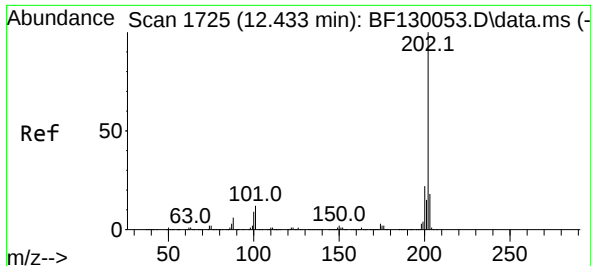
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

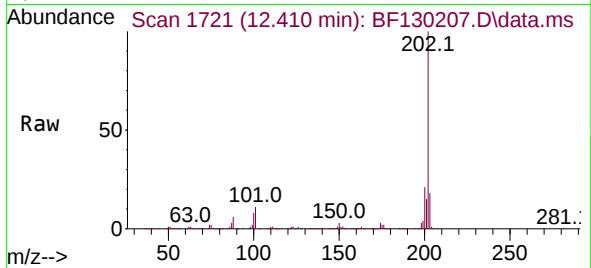
104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 42.851 ng
RT: 12.410 min Scan# 1725
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

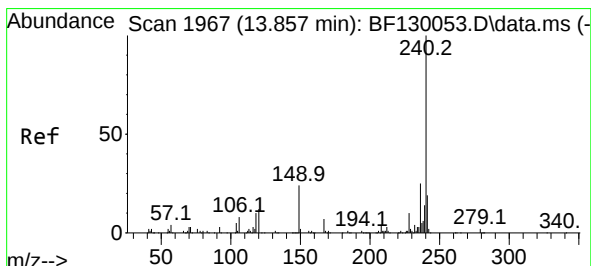
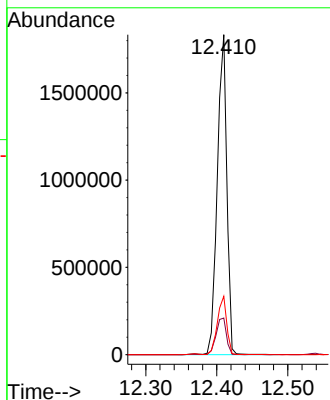
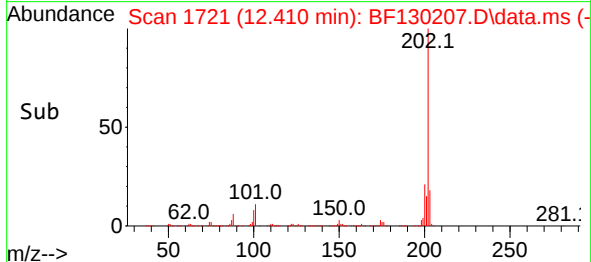
Instrument :
BNA_F
ClientSampleId :
PB147569BS



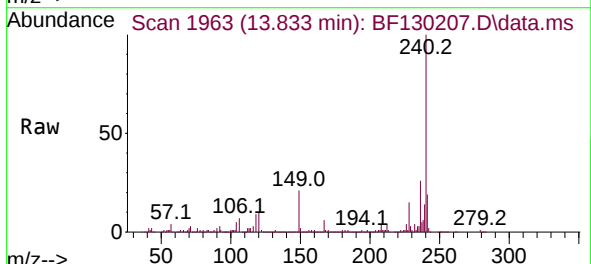
Tgt Ion:202 Resp: 1717069
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 18.2 0.0 37.5

Manual Integrations
APPROVED

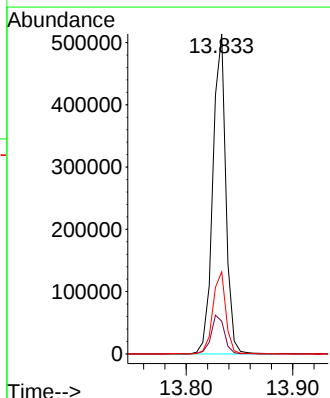
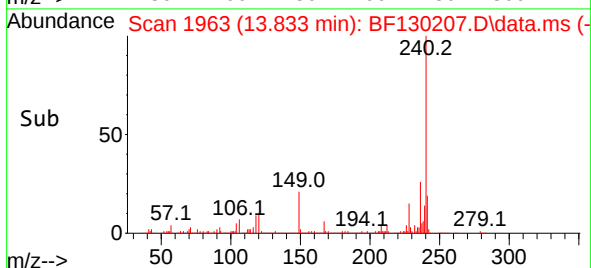
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

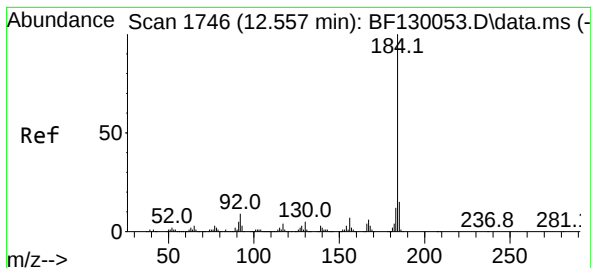


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



Tgt Ion:240 Resp: 436091
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.6 20.7 31.1





#77

Benzidine

Concen: 76.630 ng

RT: 12.539 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

Tgt Ion:184 Resp: 902246

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.2

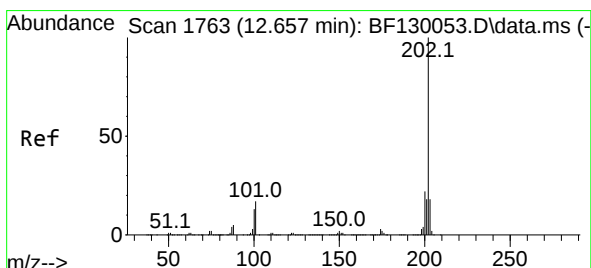
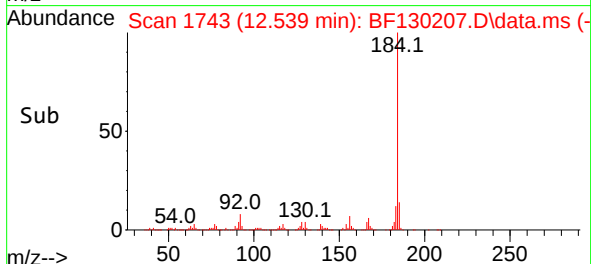
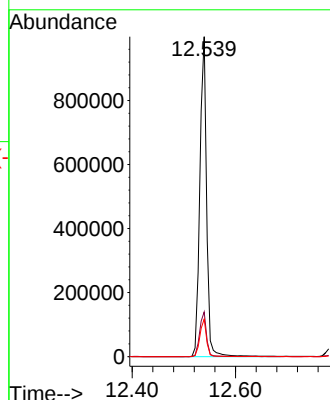
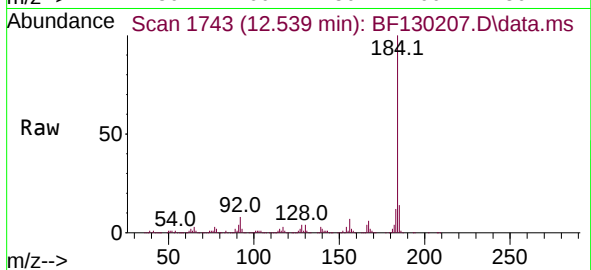
183 11.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022



#78

Pyrene

Concen: 45.149 ng

RT: 12.639 min Scan# 1760

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

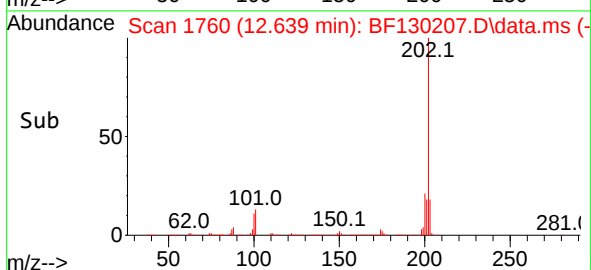
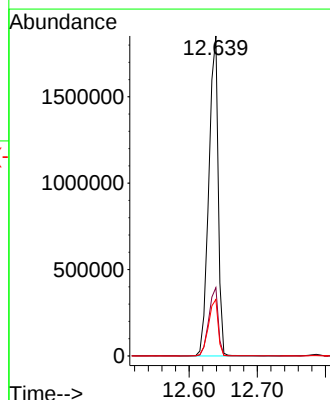
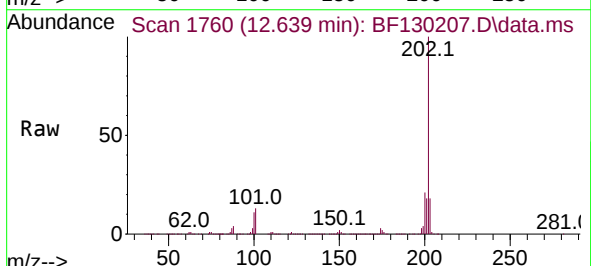
Tgt Ion:202 Resp: 1766026

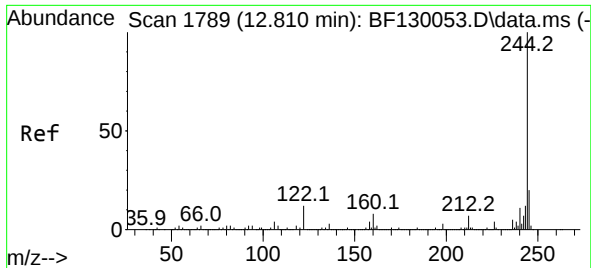
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 95.197 ng
 RT: 12.786 min Scan# 1785
 Delta R.T. -0.012 min
 Lab File: BF130207.D
 Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

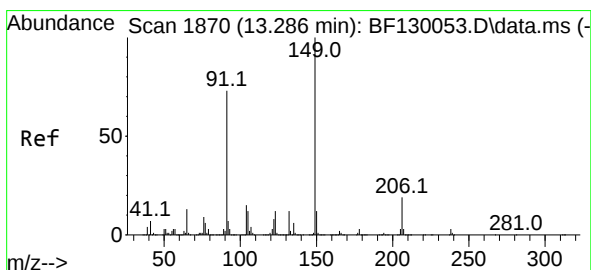
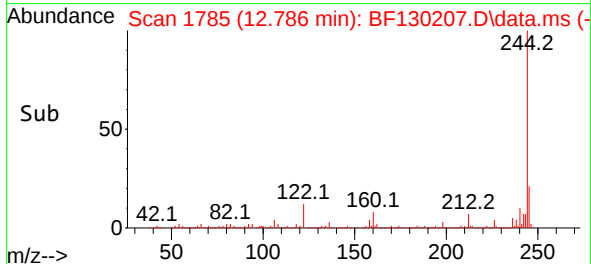
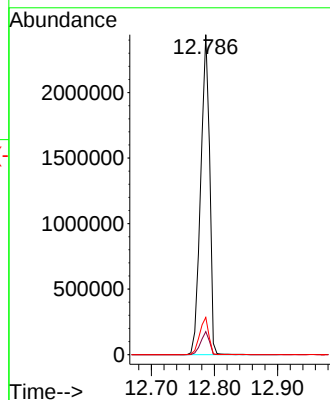
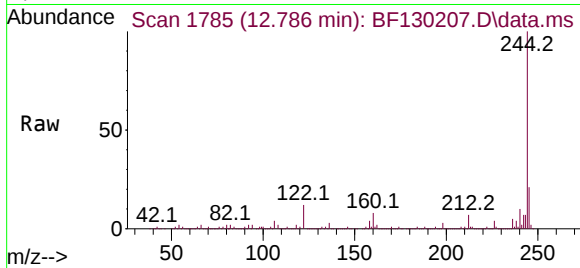
PB147569BS

Tgt Ion:244 Resp: 2393976
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.6 9.9 14.9

Manual Integrations

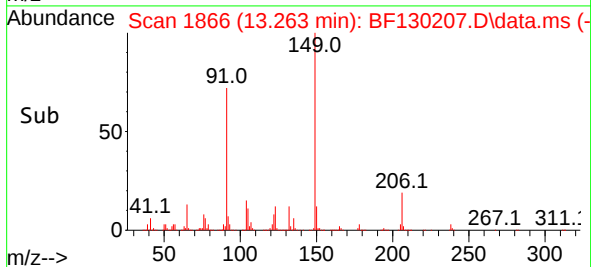
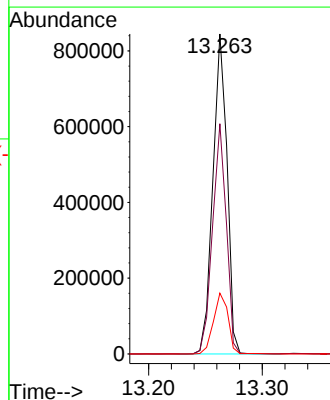
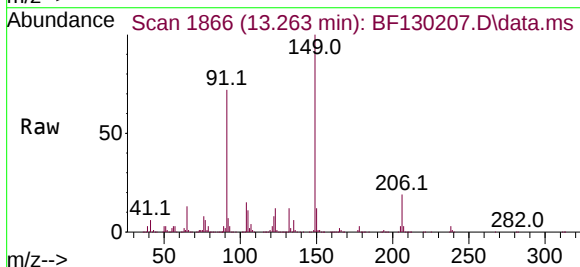
APPROVED

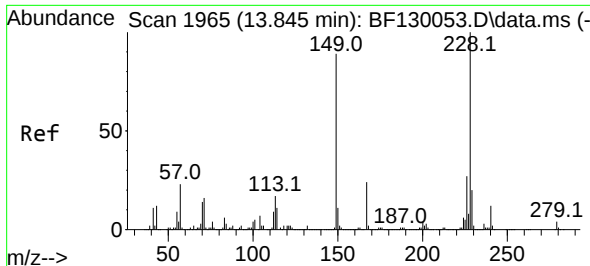
Reviewed By :Christian Giraldo 09/13/2022
 Supervised By :Jagrut Upadhyay 09/13/2022



#80
 Butylbenzylphthalate
 Concen: 46.950 ng
 RT: 13.263 min Scan# 1866
 Delta R.T. -0.012 min
 Lab File: BF130207.D
 Acq: 12 Sep 2022 14:04

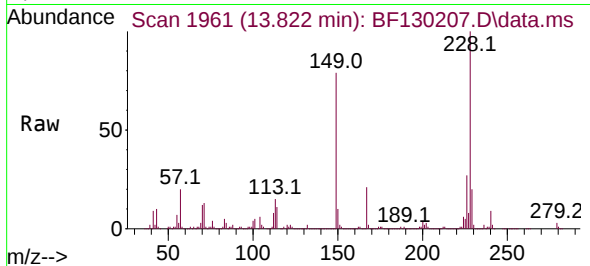
Tgt Ion:149 Resp: 730447
 Ion Ratio Lower Upper
 149 100
 91 71.9 55.4 83.0
 206 19.0 15.8 23.6





#81
Benzo(a)anthracene
Concen: 42.759 ng
RT: 13.822 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

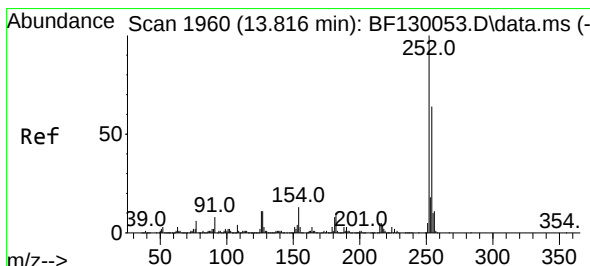
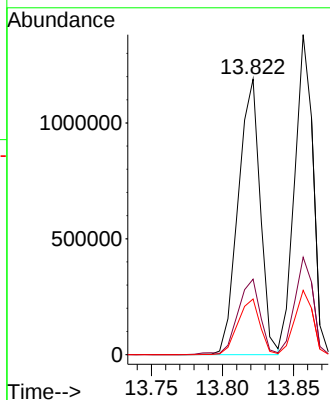
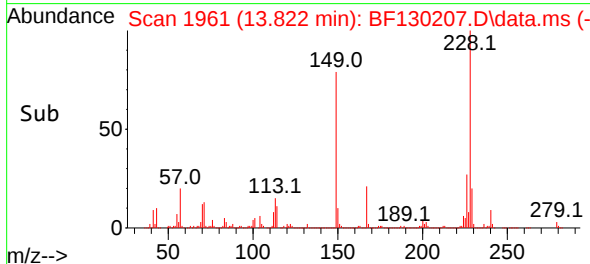
Instrument :
BNA_F
ClientSampleId :
PB147569BS



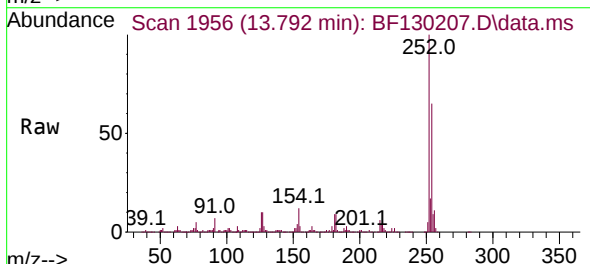
Tgt Ion:228 Resp: 1277873
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.2 16.1 24.1

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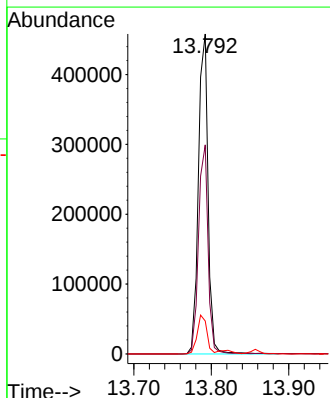
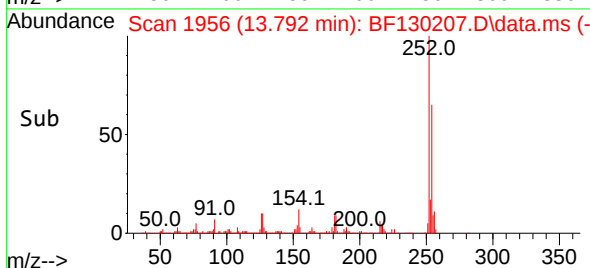
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

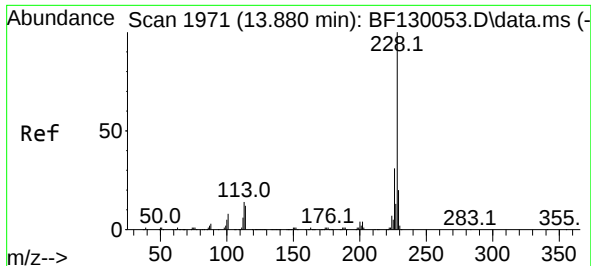


#82
3,3'-Dichlorobenzidine
Concen: 42.343 ng
RT: 13.792 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04



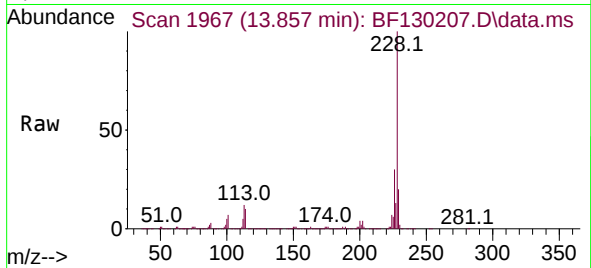
Tgt Ion:252 Resp: 394630
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 10.3 10.2 15.4





#83
Chrysene
Concen: 42.226 ng
RT: 13.857 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

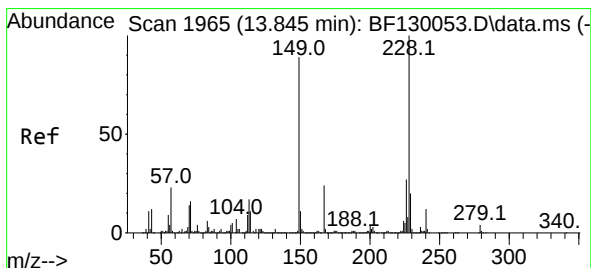
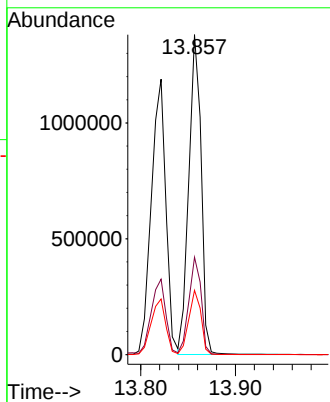
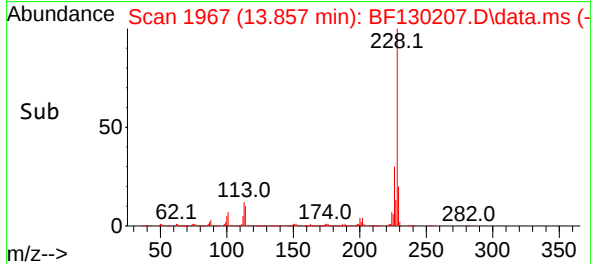
Instrument :
BNA_F
ClientSampleId :
PB147569BS



Tgt Ion:228 Resp: 1244182
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 20.1 15.9 23.9

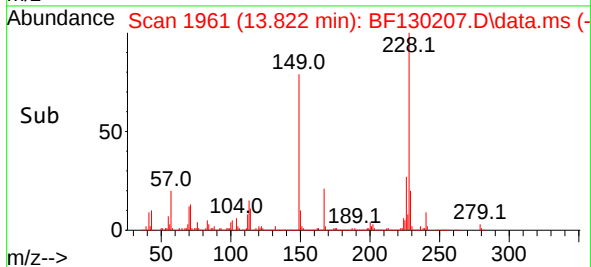
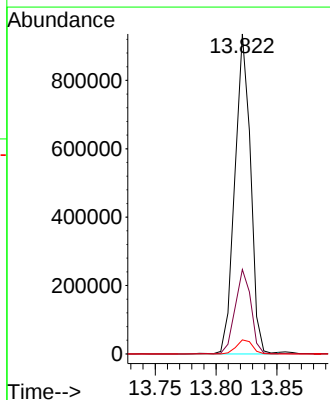
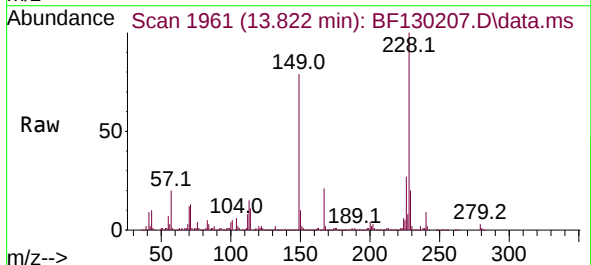
Manual Integrations
APPROVED

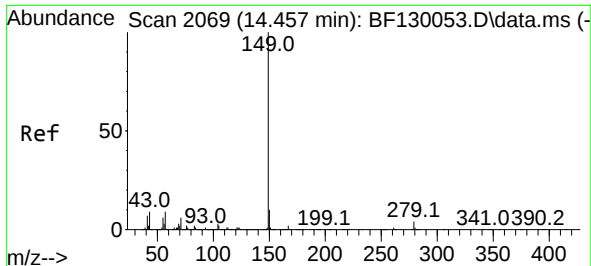
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.458 ng
RT: 13.822 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

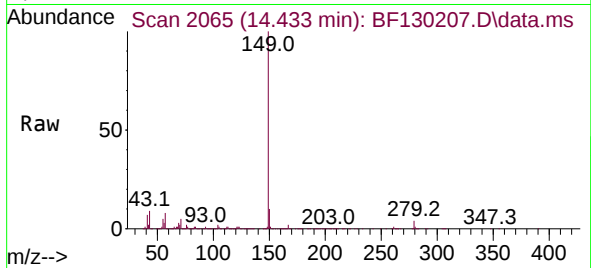
Tgt Ion:149 Resp: 840414
Ion Ratio Lower Upper
149 100
167 26.4 22.0 33.0
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 35.088 ng
RT: 14.433 min Scan# 2065
Delta R.T. -0.012 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

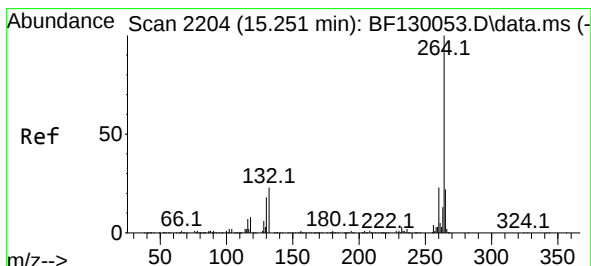
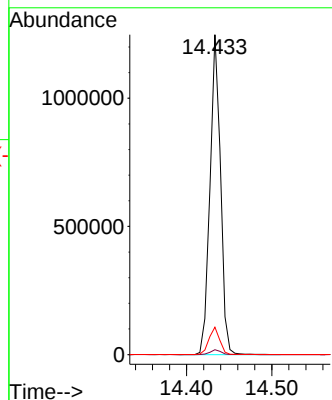
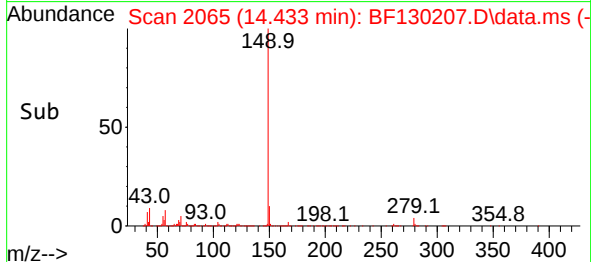
Instrument :
BNA_F
ClientSampleId :
PB147569BS



Tgt Ion:149 Resp: 1071850
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.8 11.6

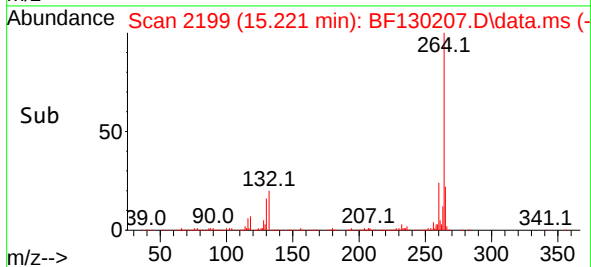
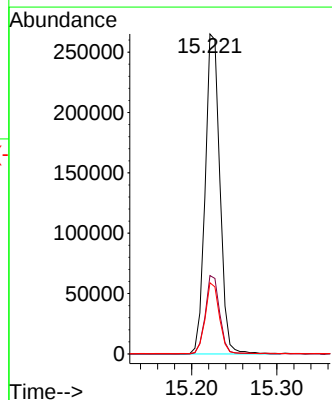
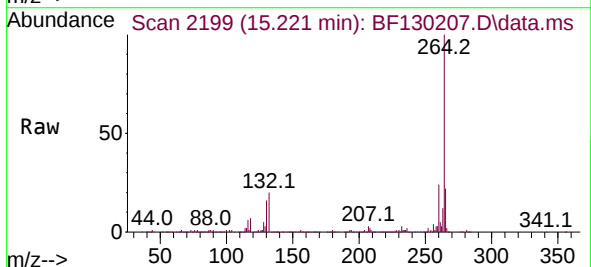
Manual Integrations
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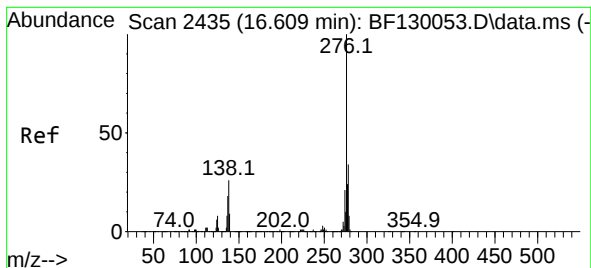
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.221 min Scan# 2199
Delta R.T. -0.018 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:264 Resp: 316323
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.866 ng

RT: 16.568 min Scan# 2435

Delta R.T. -0.018 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

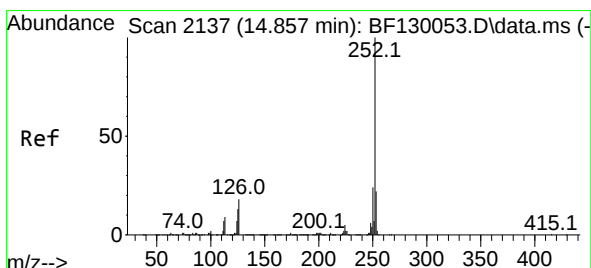
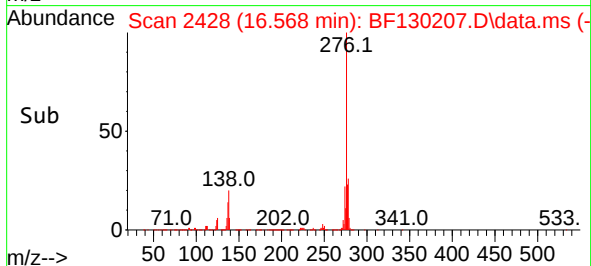
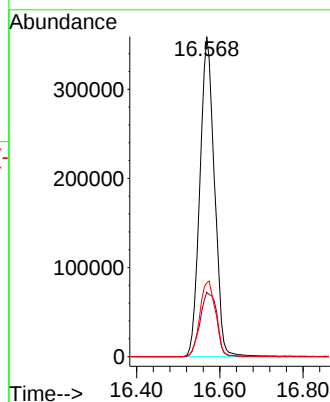
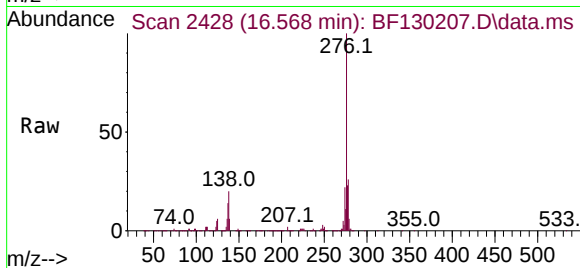
Tgt Ion:276 Resp: 873572
 Ion Ratio Lower Upper
 276 100
 138 23.2 19.8 29.8
 277 25.5 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022



#88

Benzo(b)fluoranthene

Concen: 43.171 ng

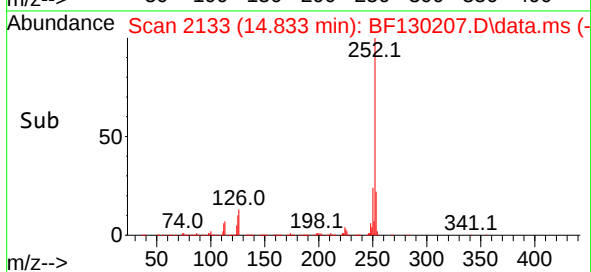
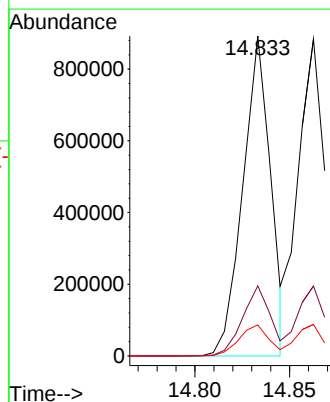
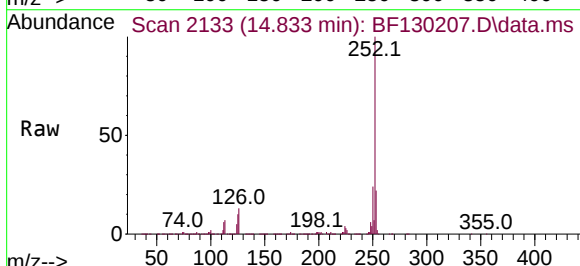
RT: 14.833 min Scan# 2133

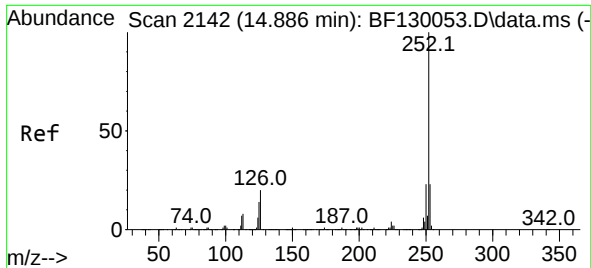
Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Tgt Ion:252 Resp: 910681
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.7 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 42.405 ng

RT: 14.863 min Scan# 2142

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB147569BS

Tgt Ion:252 Resp: 865123

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

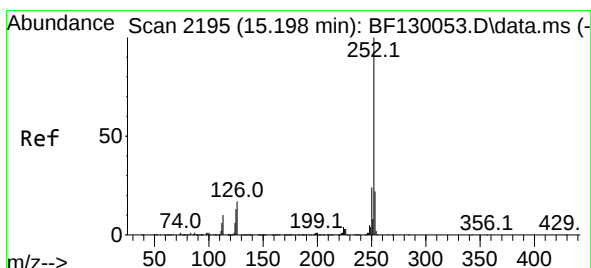
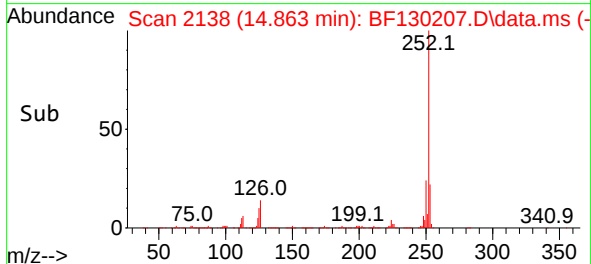
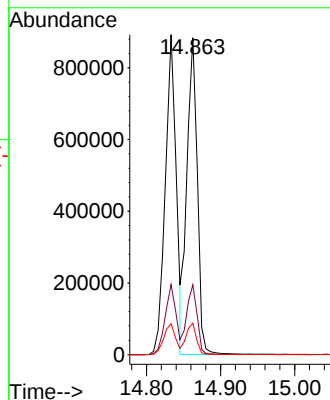
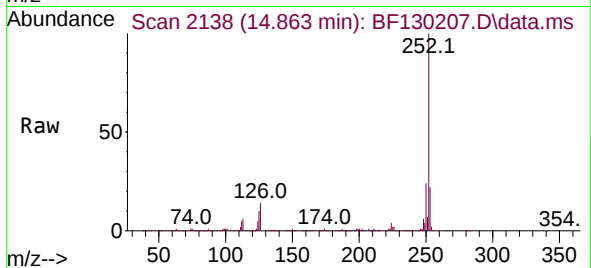
125 9.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022



#90

Benzo(a)pyrene

Concen: 50.405 ng

RT: 15.168 min Scan# 2190

Delta R.T. -0.012 min

Lab File: BF130207.D

Acq: 12 Sep 2022 14:04

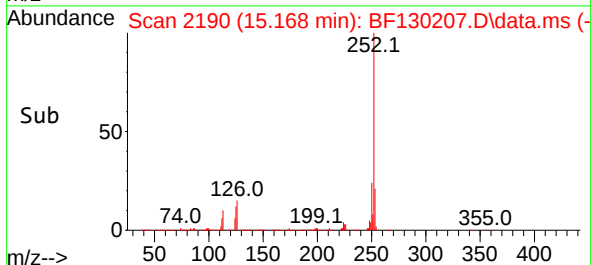
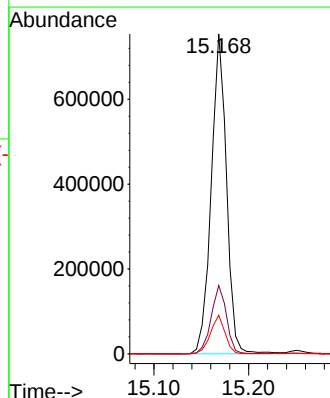
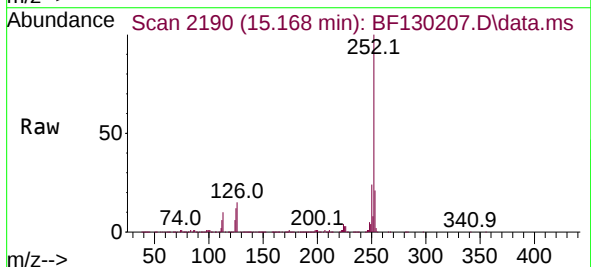
Tgt Ion:252 Resp: 844885

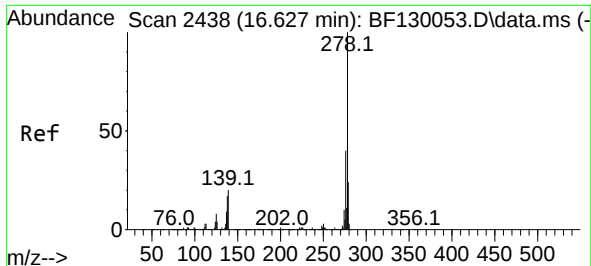
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 12.1 8.8 13.2





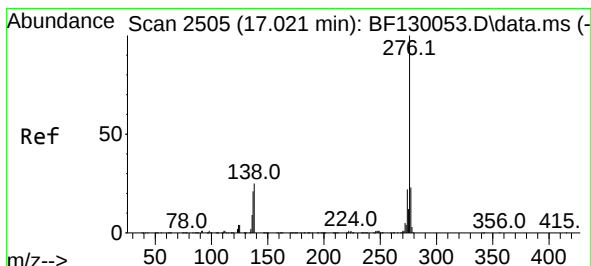
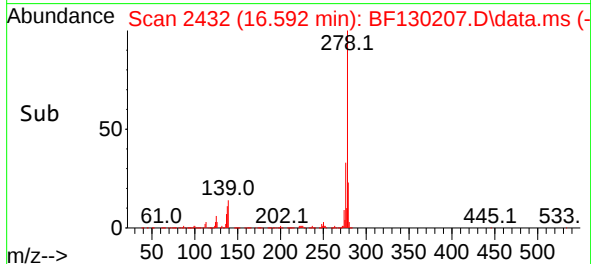
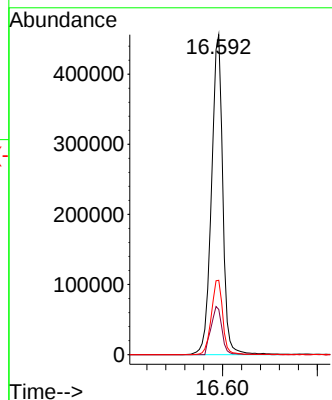
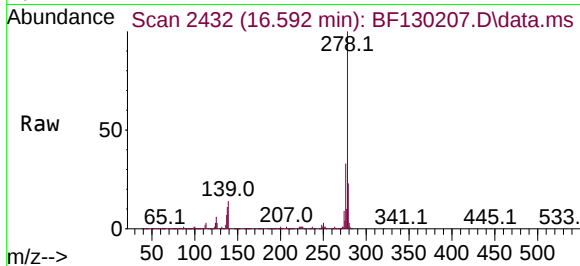
#91
Dibenzo(a,h)anthracene
Concen: 44.131 ng
RT: 16.592 min Scan# 2438
Delta R.T. -0.018 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Instrument :
BNA_F
ClientSampleId :
PB147569BS

Tgt Ion:278 Resp: 753495
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 23.2 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#92
Benzo(g,h,i)perylene
Concen: 45.122 ng
RT: 16.980 min Scan# 2498
Delta R.T. -0.018 min
Lab File: BF130207.D
Acq: 12 Sep 2022 14:04

Tgt Ion:276 Resp: 770805
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.4
138 20.6 15.8 23.8

