

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130598.D
 Acq On : 10 Oct 2022 12:15
 Operator : CG\JU
 Sample : PB148187BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148187BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/11/2022
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 10 13:42:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 13:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	114510	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	428496	20.000	ng	# 0.00
39) Acenaphthene-d10	9.639	164	197107	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	313270	20.000	ng	0.00
76) Chrysene-d12	13.751	240	198238	20.000	ng	0.00
86) Perylene-d12	15.127	264	226594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	893935	135.403	ng	0.01
7) Phenol-d6	6.263	99	1062159	128.580	ng	0.00
23) Nitrobenzene-d5	7.181	82	631303	75.269	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	273005	144.549	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	1326472	97.997	ng	0.00
79) Terphenyl-d14	12.704	244	892397	74.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.251	88	123907	40.866	ng	97
3) Pyridine	2.922	79	244437	30.904	ng	93
4) n-Nitrosodimethylamine	2.881	42	142695	33.171	ng	86
6) Aniline	6.275	93	395033	38.812	ng	# 35
8) 2-Chlorophenol	6.392	128	346410	46.062	ng	94
9) Benzaldehyde	6.157	77	217830	39.367	ng	93
10) Phenol	6.275	94	410167	42.370	ng	78
11) bis(2-Chloroethyl)ether	6.351	93	316896	45.384	ng	95
12) 1,3-Dichlorobenzene	6.545	146	362373	43.790	ng	97
13) 1,4-Dichlorobenzene	6.622	146	381412	45.198	ng	99
14) 1,2-Dichlorobenzene	6.775	146	320453	40.651	ng	98
15) Benzyl Alcohol	6.763	79	240709	36.752	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.892	45	368580	36.192	ng	88
17) 2-Methylphenol	6.881	107	254868	41.689	ng	96
18) Hexachloroethane	7.116	117	129862	39.040	ng	93
19) n-Nitroso-di-n-propyla...	7.034	70	213070	38.225	ng	91
20) 3+4-Methylphenols	7.034	107	319291	40.204	ng	# 68
22) Acetophenone	7.028	105	442758	42.264	ng	# 91
24) Nitrobenzene	7.198	77	331059	38.873	ng	94
25) Isophorone	7.439	82	601072	44.463	ng	98
26) 2-Nitrophenol	7.510	139	174423	49.961	ng	92
27) 2,4-Dimethylphenol	7.557	122	271391	50.487	ng	94
28) bis(2-Chloroethoxy)met...	7.651	93	372829	48.979	ng	99
29) 2,4-Dichlorophenol	7.757	162	267609	45.429	ng	96
30) 1,2,4-Trichlorobenzene	7.833	180	278124	43.670	ng	95
31) Naphthalene	7.910	128	944462	42.783	ng	100
32) Benzoic acid	7.716	122	145011	34.884	ng	91
33) 4-Chloroaniline	7.969	127	297649	35.451	ng	97
34) Hexachlorobutadiene	8.028	225	176748	43.425	ng	99
35) Caprolactam	8.345	113	85420m	50.582	ng	
36) 4-Chloro-3-methylphenol	8.463	107	321480	49.236	ng	100
37) 2-Methylnaphthalene	8.604	142	620928	44.115	ng	100
38) 1-Methylnaphthalene	8.698	142	640395	47.362	ng	97
40) 1,2,4,5-Tetrachloroben...	8.769	216	311348	57.880	ng	99
41) Hexachlorocyclopentadiene	8.751	237	276104	95.871	ng	98
43) 2,4,6-Trichlorophenol	8.886	196	196447	52.328	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130598.D
 Acq On : 10 Oct 2022 12:15
 Operator : CG\JU
 Sample : PB148187BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148187BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/11/2022
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 10 13:42:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 13:41:25 2022
 Response via : Initial Calibration

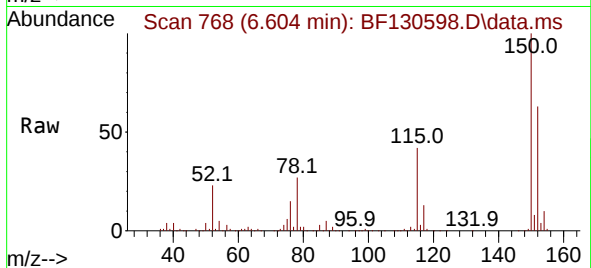
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.928	196	209744	51.774	ng	97
46) 1,1'-Biphenyl	9.069	154	747326	50.767	ng	98
47) 2-Chloronaphthalene	9.092	162	588263	49.400	ng	96
48) 2-Nitroaniline	9.192	65	181763	45.764	ng	92
49) Acenaphthylene	9.504	152	782474	43.825	ng	99
50) Dimethylphthalate	9.375	163	705124	51.789	ng	99
51) 2,6-Dinitrotoluene	9.439	165	159484	56.009	ng	# 82
52) Acenaphthene	9.675	154	548880m	46.789	ng	
53) 3-Nitroaniline	9.604	138	99584	31.386	ng	96
54) 2,4-Dinitrophenol	9.722	184	114543	74.611	ng	# 81
55) Dibenzofuran	9.845	168	715704	43.863	ng	98
56) 4-Nitrophenol	9.786	139	151641	65.617	ng	# 81
57) 2,4-Dinitrotoluene	9.845	165	165280	45.417	ng	# 92
58) Fluorene	10.186	166	584244	43.782	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.969	232	128462	40.513	ng	95
60) Diethylphthalate	10.074	149	579505	42.444	ng	98
61) 4-Chlorophenyl-phenyle...	10.180	204	270565	46.220	ng	99
62) 4-Nitroaniline	10.222	138	123027m	38.598	ng	
63) Azobenzene	10.339	77	555411	39.505	ng	97
65) 4,6-Dinitro-2-methylph...	10.251	198	79753	45.733	ng	82
66) n-Nitrosodiphenylamine	10.304	169	485914	46.417	ng	100
67) 4-Bromophenyl-phenylether	10.669	248	171371	49.588	ng	96
68) Hexachlorobenzene	10.727	284	196930	50.270	ng	95
69) Atrazine	10.833	200	145643	47.607	ng	97
70) Pentachlorophenol	10.933	266	144516	68.737	ng	98
71) Phenanthrene	11.145	178	766253	43.566	ng	100
72) Anthracene	11.198	178	765222	45.084	ng	100
73) Carbazole	11.357	167	632548	41.295	ng	99
74) Di-n-butylphthalate	11.686	149	725232	39.262	ng	99
75) Fluoranthene	12.327	202	651864	38.355	ng	98
77) Benzidine	12.457	184	234583	40.764	ng	99
78) Pyrene	12.551	202	644657	37.173	ng	100
80) Butylbenzylphthalate	13.180	149	254174	39.563	ng	96
81) Benzo(a)anthracene	13.739	228	583661	44.258	ng	99
82) 3,3'-Dichlorobenzidine	13.710	252	188904	52.622	ng	99
83) Chrysene	13.774	228	560444	44.757	ng	99
84) Bis(2-ethylhexyl)phtha...	13.739	149	359986	48.919	ng	99
85) Di-n-octyl phthalate	14.351	149	657878	58.450	ng	95
87) Indeno(1,2,3-cd)pyrene	16.433	276	751766	46.784	ng	99
88) Benzo(b)fluoranthene	14.745	252	738416	49.928	ng	99
89) Benzo(k)fluoranthene	14.774	252	638924	43.917	ng	99
90) Benzo(a)pyrene	15.074	252	596225	50.886	ng	99
91) Dibenzo(a,h)anthracene	16.451	278	663244	50.314	ng	99
92) Benzo(g,h,i)perylene	16.833	276	686572	51.704	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

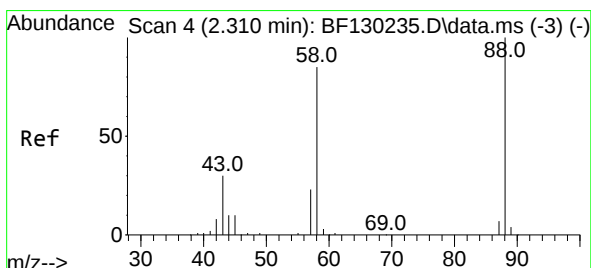
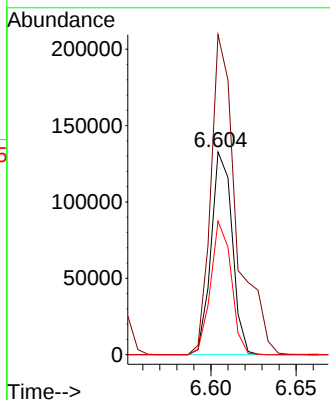
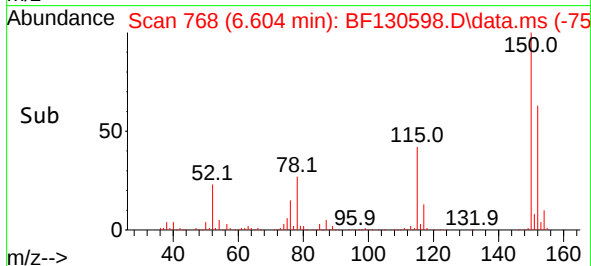
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion:152 Resp: 114510
Ion Ratio Lower Upper
152 100
150 157.9 122.8 184.2
115 65.9 53.8 80.8

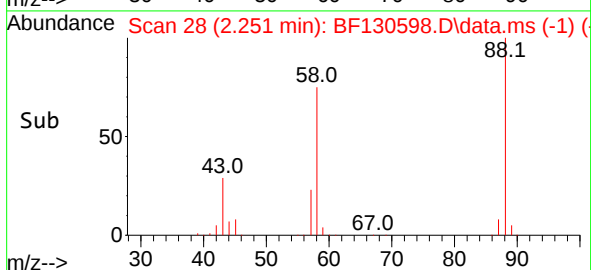
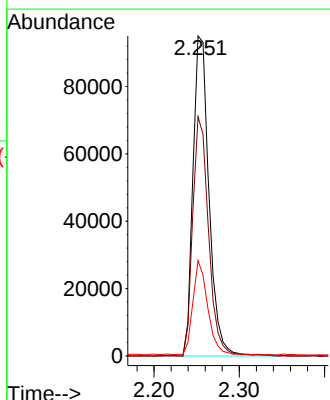
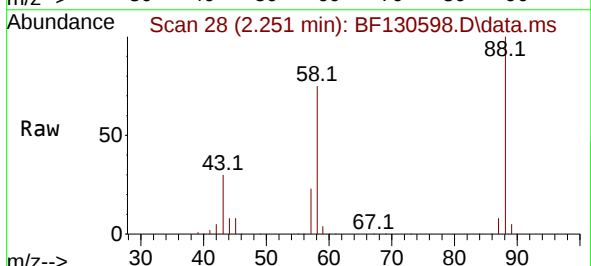
Manual Integrations
APPROVED

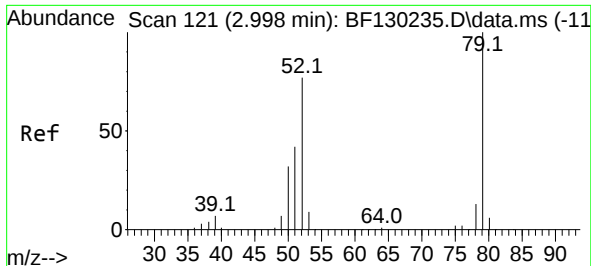
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#2
1,4-Dioxane
Concen: 40.866 ng
RT: 2.251 min Scan# 28
Delta R.T. 0.082 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion: 88 Resp: 123907
Ion Ratio Lower Upper
88 100
58 74.2 61.3 91.9
43 27.1 23.0 34.6





#3

Pyridine

Concen: 30.904 ng

RT: 2.922 min Scan# 14

Delta R.T. 0.088 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

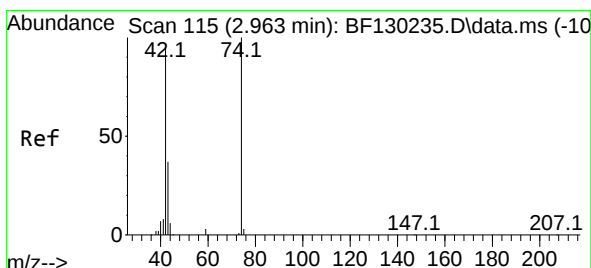
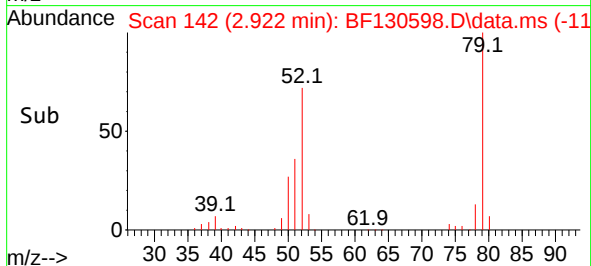
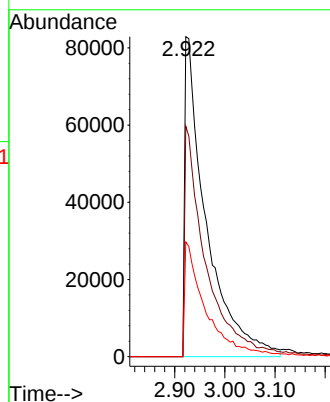
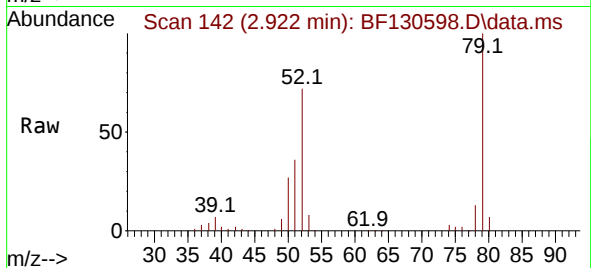
PB148187BS

Tgt Ion: 79	Resp: 24443
Ion Ratio	Lower Upper
79 100	
52 72.0	62.4 93.6
51 35.9	32.2 48.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#4

n-Nitrosodimethylamine

Concen: 33.171 ng

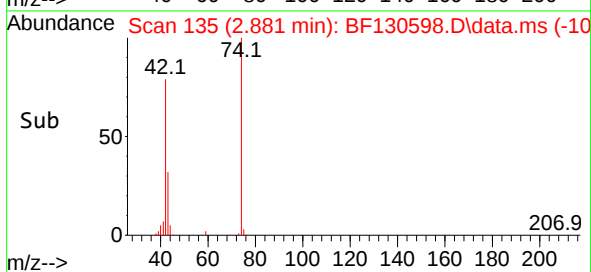
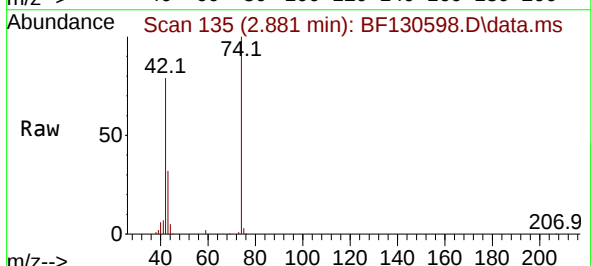
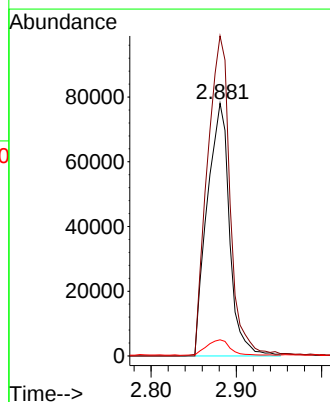
RT: 2.881 min Scan# 135

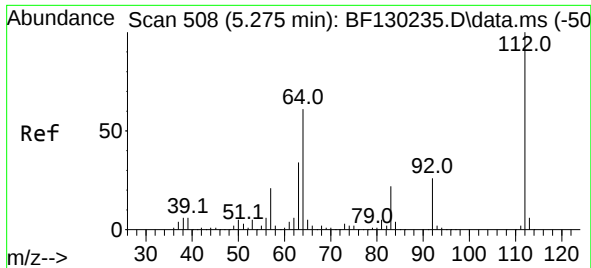
Delta R.T. 0.082 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Tgt Ion: 42	Resp: 142695
Ion Ratio	Lower Upper
42 100	
74 126.7	88.4 132.6
44 6.4	5.0 7.4





#5
2-Fluorophenol
Concen: 135.403 ng
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

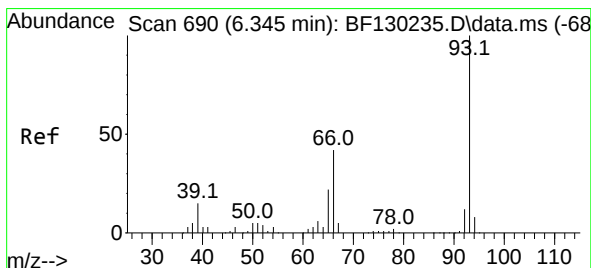
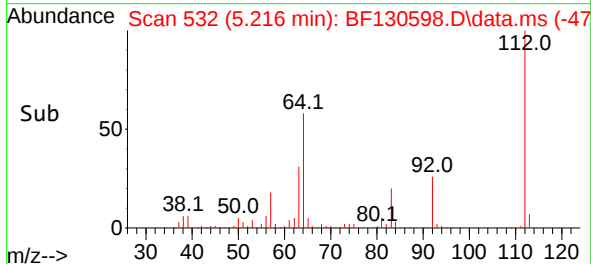
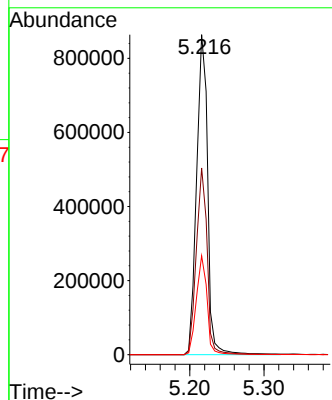
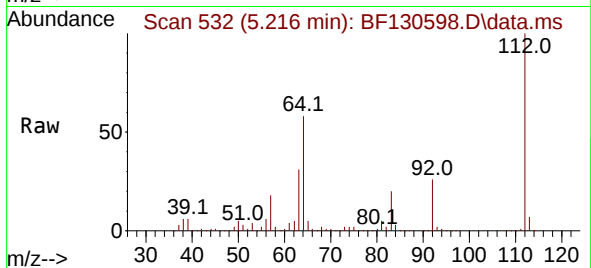
PB148187BS

Tgt Ion:112 Resp: 89393
Ion Ratio Lower Upper
112 100
64 58.4 51.4 77.0
63 30.9 28.8 43.2

Manual Integrations

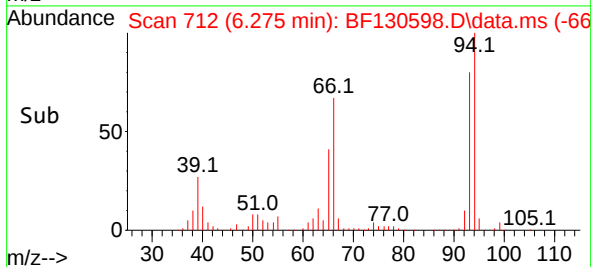
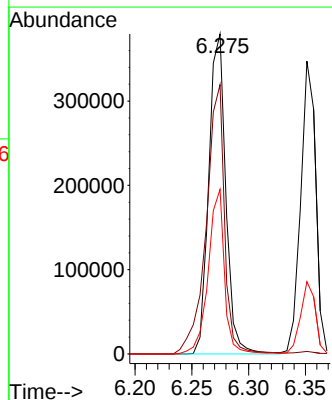
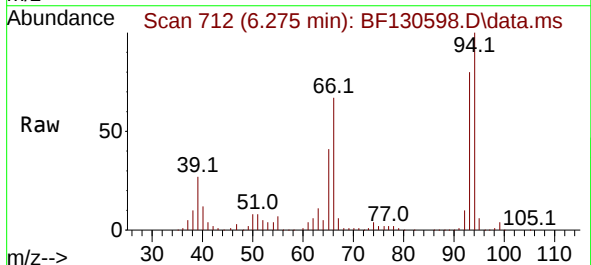
APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#6
Aniline
Concen: 38.812 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

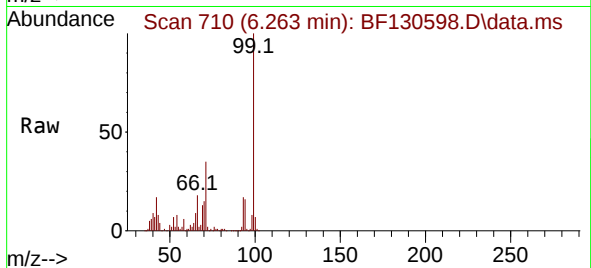
Tgt Ion: 93 Resp: 395033
Ion Ratio Lower Upper
93 100
66 84.2 34.2 51.4#
65 51.5 16.6 24.8#





#7
Phenol-d6
Concen: 128.580 ng
RT: 6.263 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

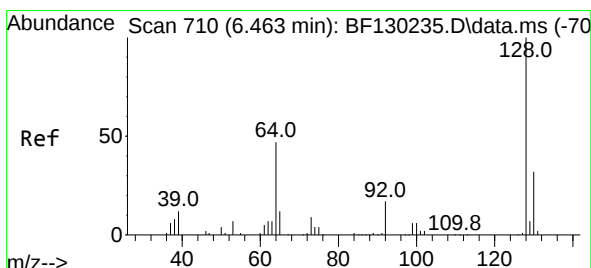
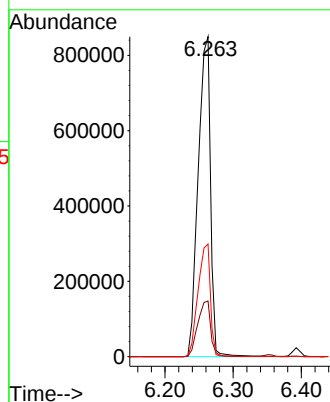
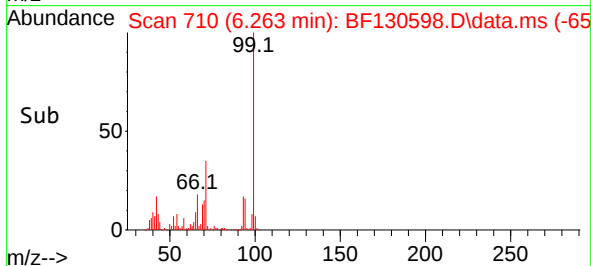
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion: 99 Resp: 106215
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 35.2 32.3 48.5

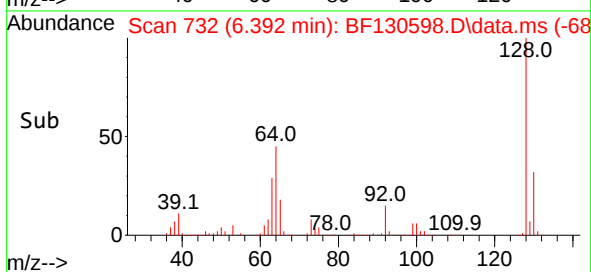
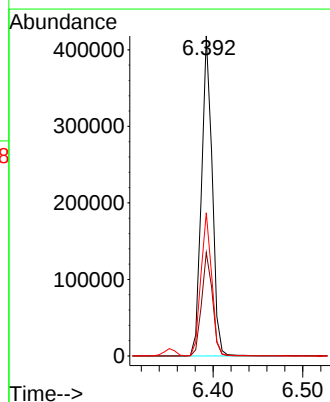
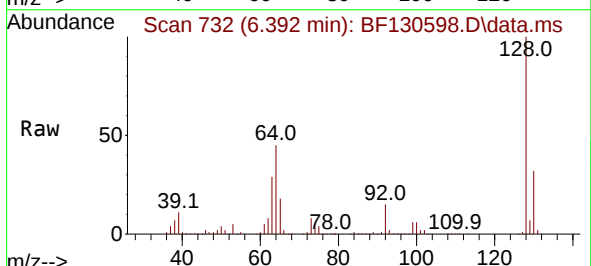
Manual Integrations
APPROVED

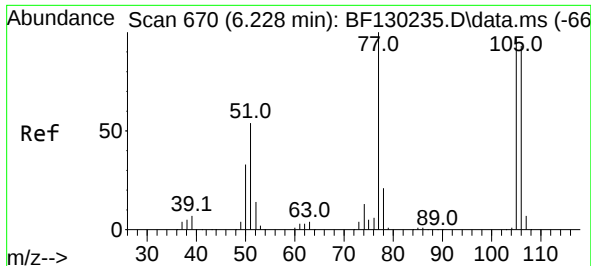
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#8
2-Chlorophenol
Concen: 46.062 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

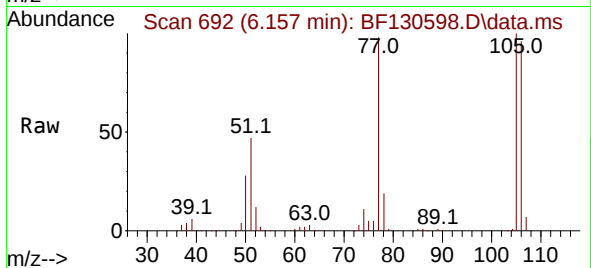
Tgt Ion:128 Resp: 346410
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 44.8 31.6 71.6





#9
Benzaldehyde
Concen: 39.367 ng
RT: 6.157 min Scan# 692
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

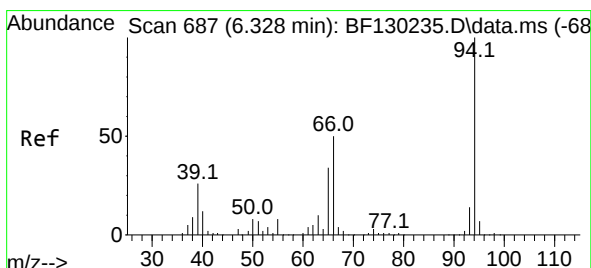
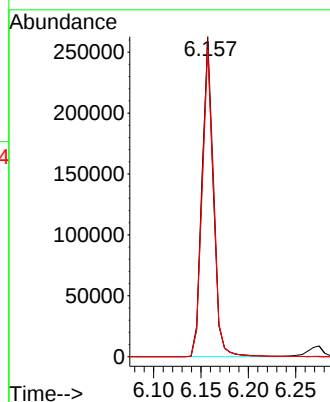
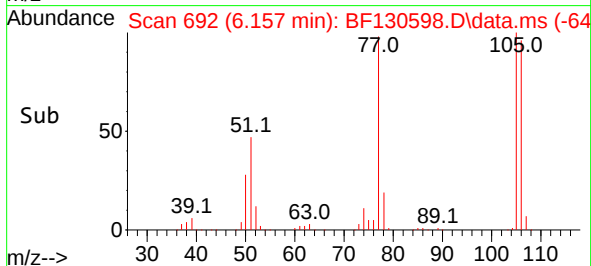
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion: 77 Resp: 217830
Ion Ratio Lower Upper
77 100
105 101.7 75.1 115.1
106 97.4 69.7 109.7

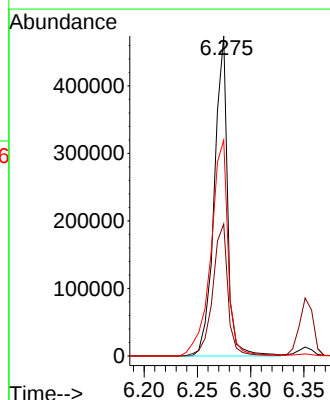
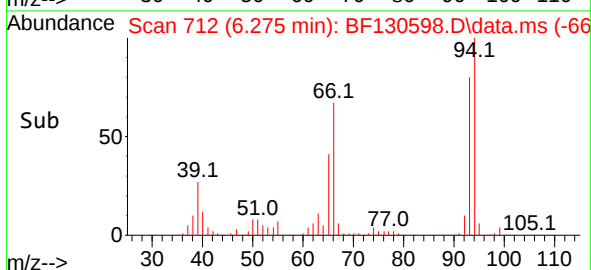
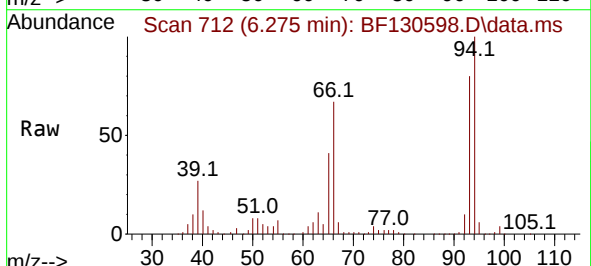
Manual Integrations
APPROVED

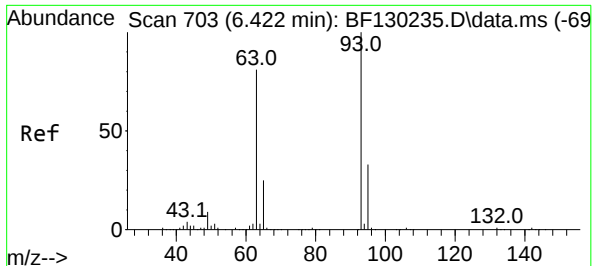
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#10
Phenol
Concen: 42.370 ng
RT: 6.275 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion: 94 Resp: 410167
Ion Ratio Lower Upper
94 100
65 41.2 14.1 54.1
66 67.4 28.1 68.1





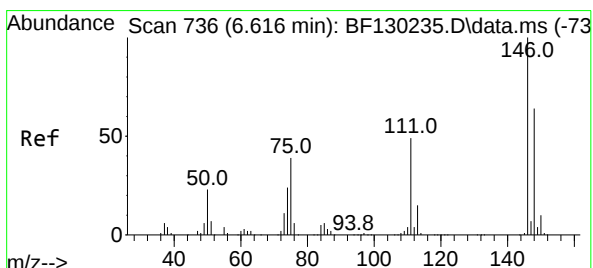
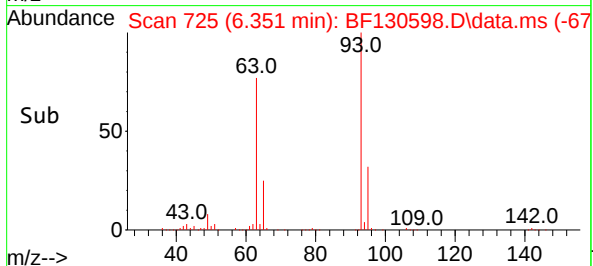
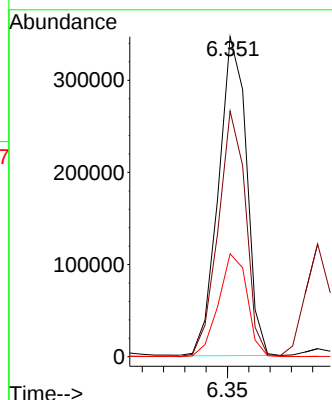
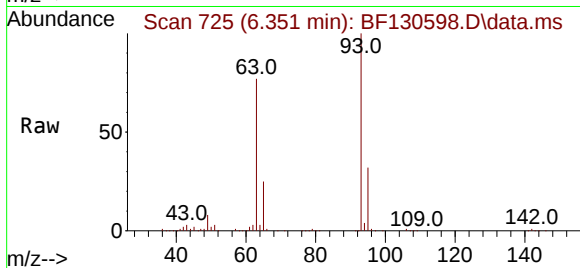
#11
bis(2-Chloroethyl)ether
Concen: 45.384 ng
RT: 6.351 min Scan# 703
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148187BS

Tgt Ion: 93 Resp: 316890
Ion Ratio Lower Upper
93 100
63 76.7 62.5 102.5
95 32.1 12.5 52.5

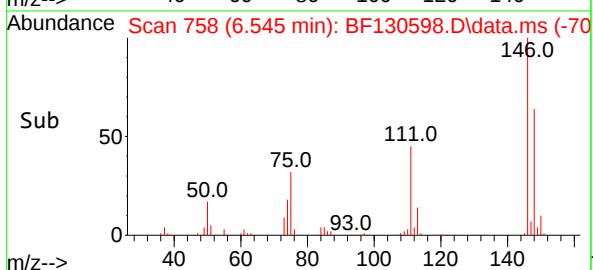
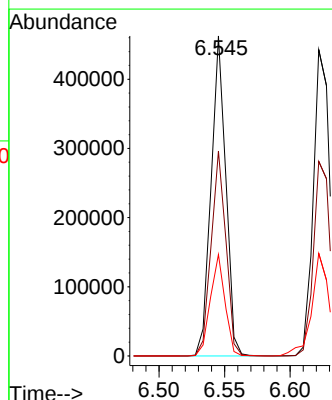
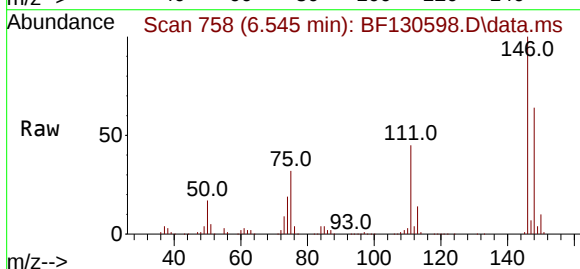
Manual Integrations
APPROVED

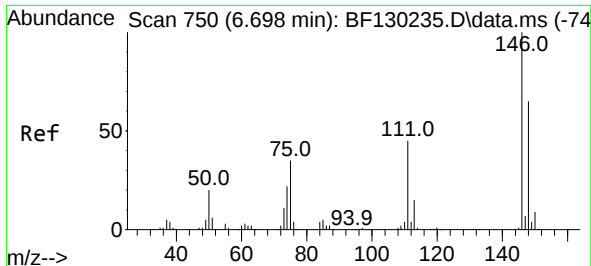
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#12
1,3-Dichlorobenzene
Concen: 43.790 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:146 Resp: 362373
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 31.7 28.8 43.2





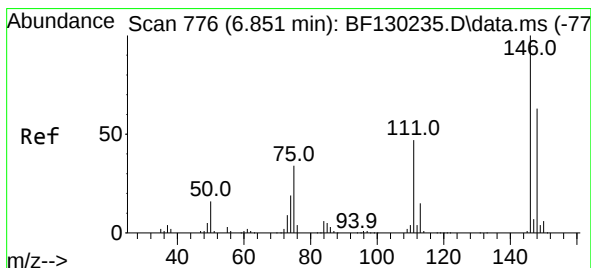
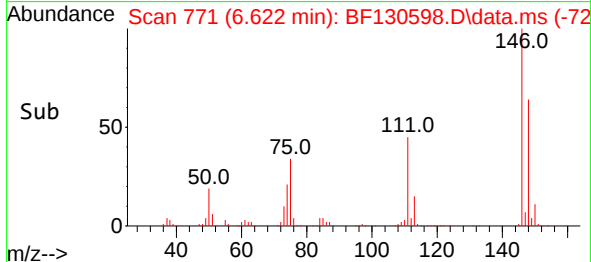
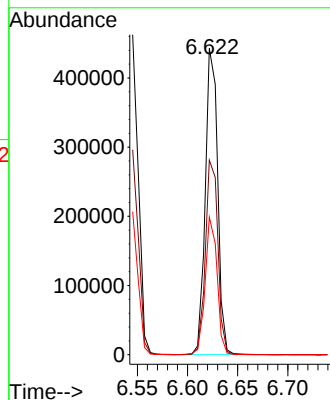
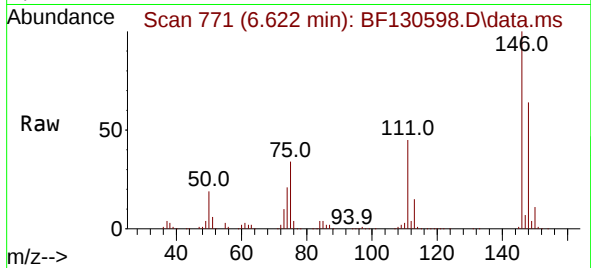
#13
1,4-Dichlorobenzene
Concen: 45.198 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148187BS

Tgt Ion:146 Resp: 381412
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 44.9 36.3 54.5

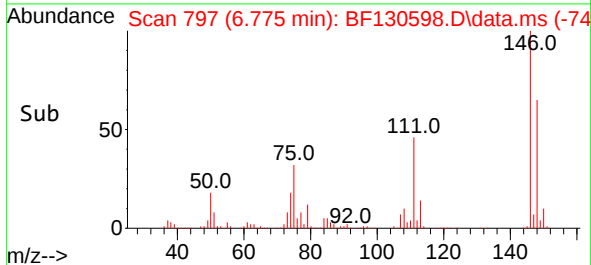
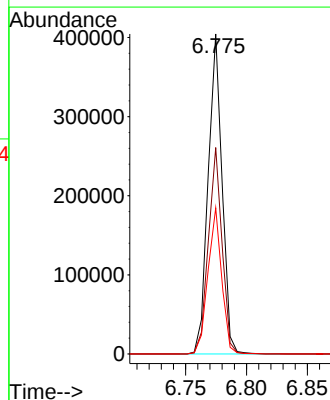
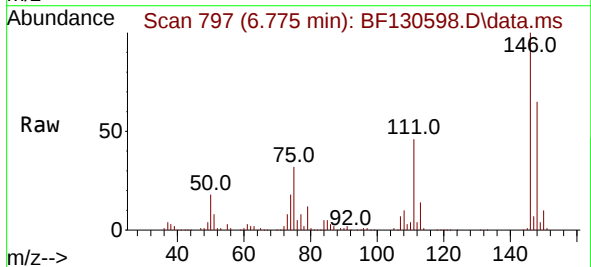
Manual Integrations
APPROVED

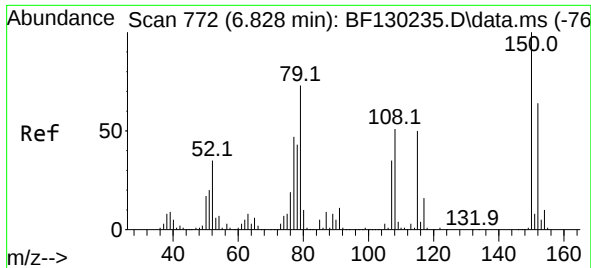
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#14
1,2-Dichlorobenzene
Concen: 40.651 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

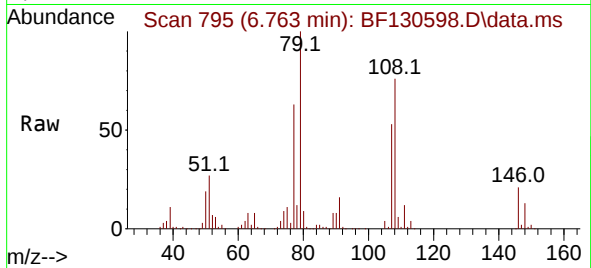
Tgt Ion:146 Resp: 320453
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
111 45.7 39.2 58.8





#15
Benzyl Alcohol
Concen: 36.752 ng
RT: 6.763 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

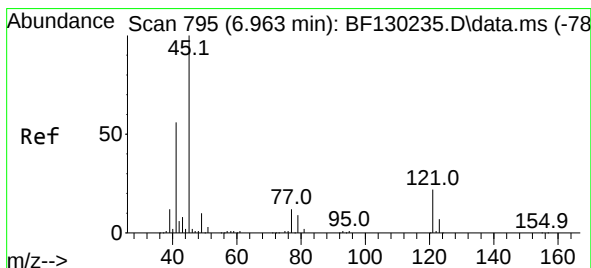
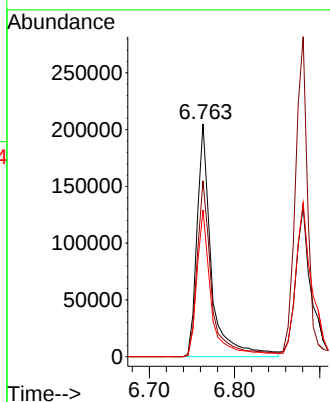
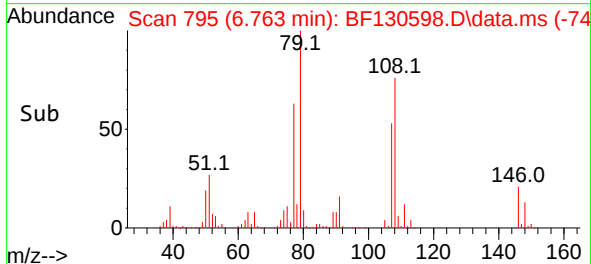
Instrument :
BNA_F
ClientSampleId :
PB148187BS



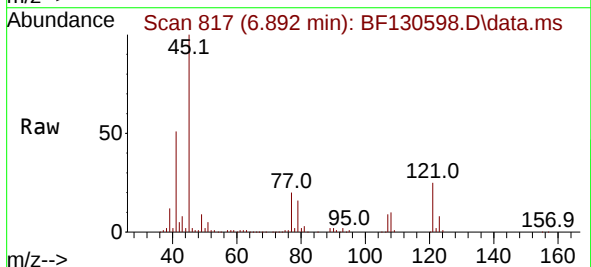
Tgt Ion: 79 Resp: 240709
Ion Ratio Lower Upper
79 100
108 75.5 54.0 81.0
77 63.0 51.3 76.9

Manual Integrations
APPROVED

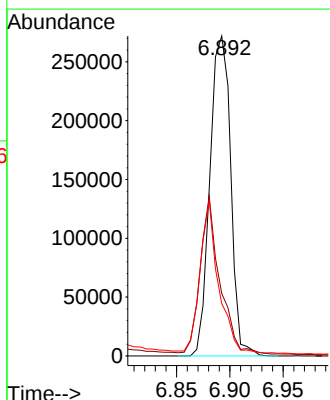
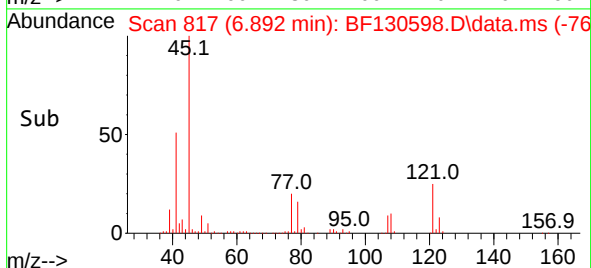
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

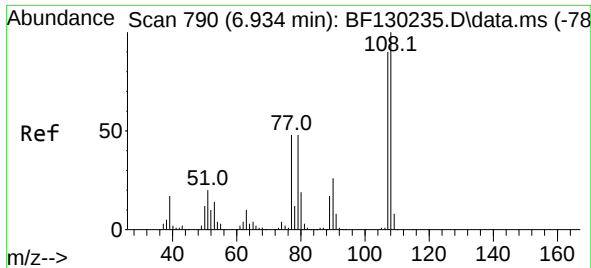


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.192 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



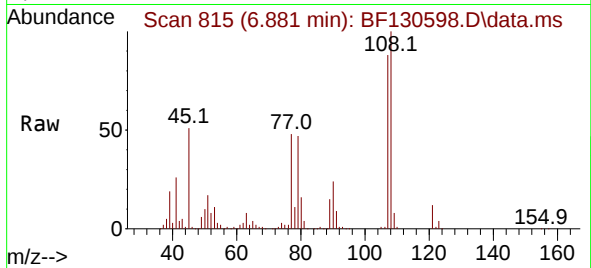
Tgt Ion: 45 Resp: 368580
Ion Ratio Lower Upper
45 100
77 19.6 0.0 34.9
79 16.3 0.0 31.0





#17
2-Methylphenol
Concen: 41.689 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

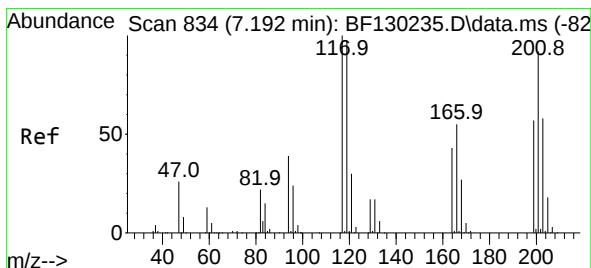
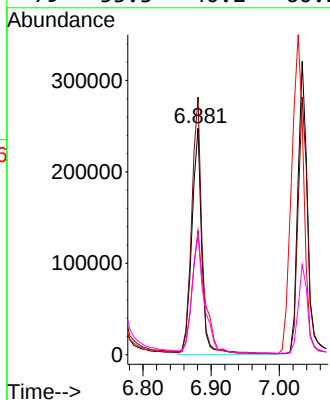
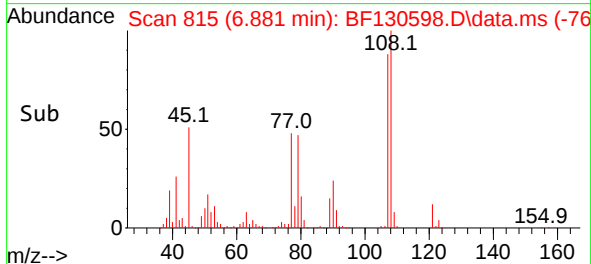
Instrument :
BNA_F
ClientSampleId :
PB148187BS



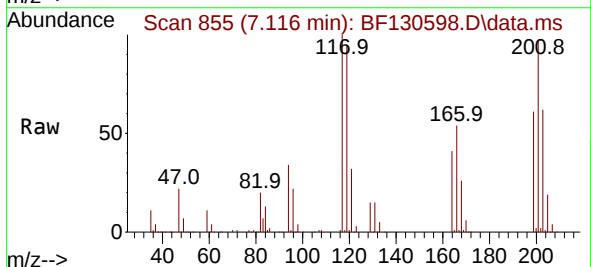
Tgt Ion:107 Resp: 254862
Ion Ratio Lower Upper
107 100
108 113.8 89.4 134.0
77 54.8 40.6 60.8
79 53.3 40.2 60.2

Manual Integrations
APPROVED

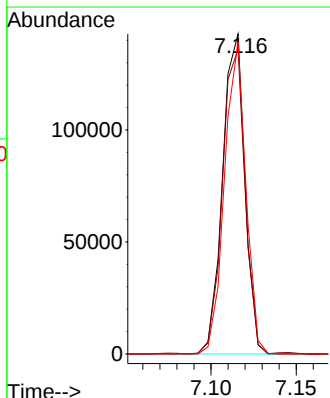
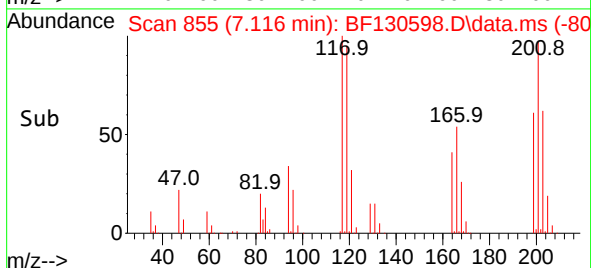
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

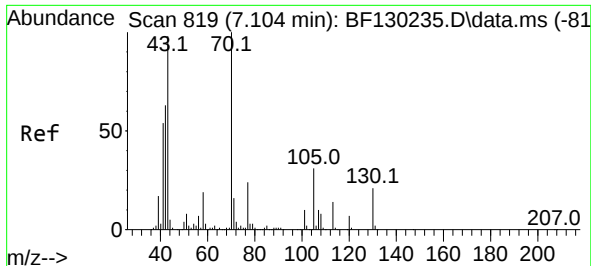


#18
Hexachloroethane
Concen: 39.040 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



Tgt Ion:117 Resp: 129862
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.6
201 97.5 68.7 103.1





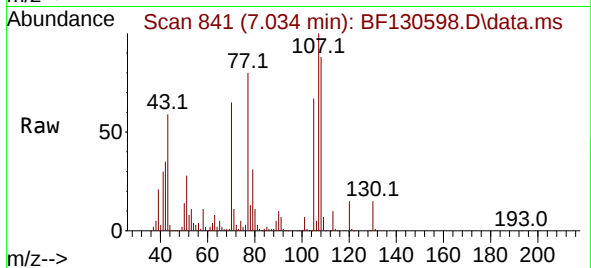
#19
n-Nitroso-di-n-propylamine
Concen: 38.225 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

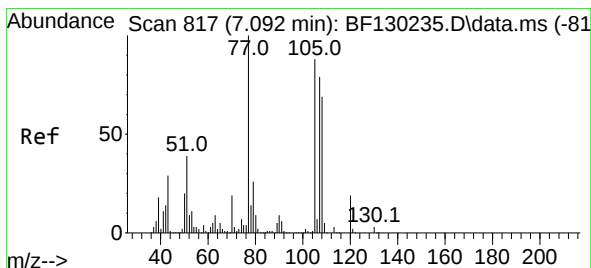
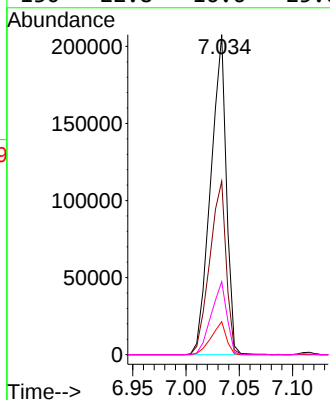
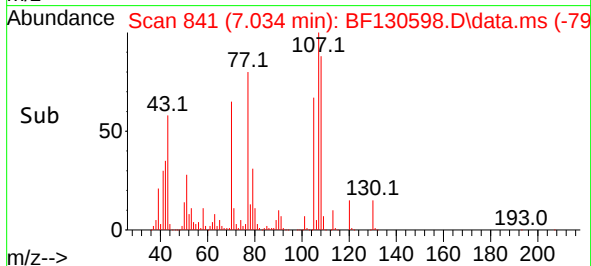


Tgt Ion: 70 Resp: 213070
Ion Ratio Lower Upper
70 100
42 54.2 50.8 76.2
101 10.3 8.2 12.4
130 22.8 16.6 25.0

Manual Integrations

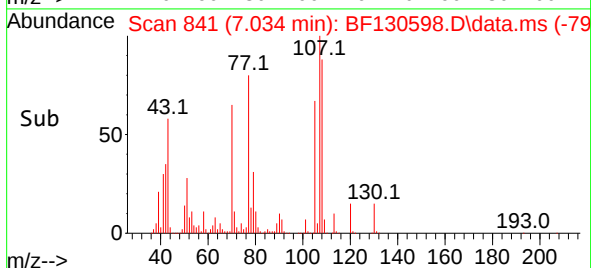
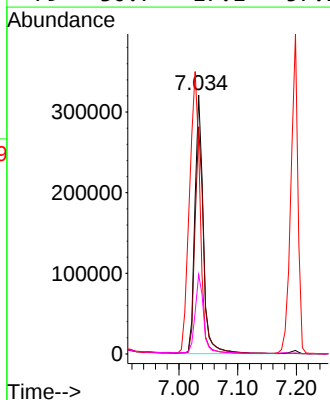
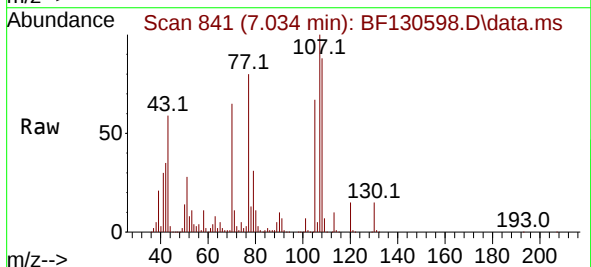
APPROVED

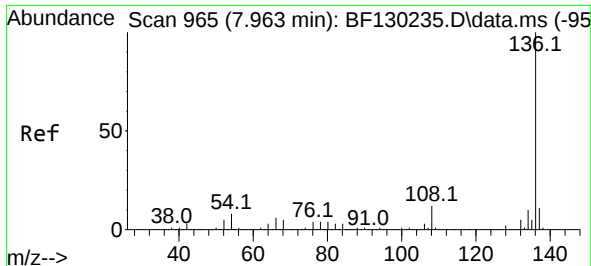
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#20
3+4-Methylphenols
Concen: 40.204 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

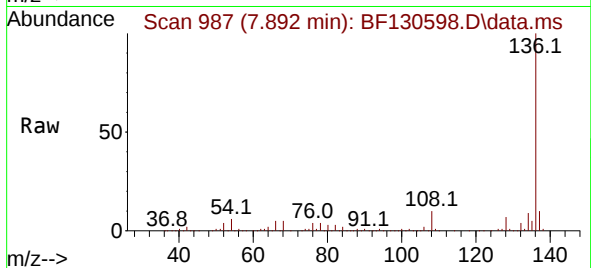
Tgt Ion:107 Resp: 319291
Ion Ratio Lower Upper
107 100
108 87.7 74.8 114.8
77 79.7 125.8 165.8#
79 30.7 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

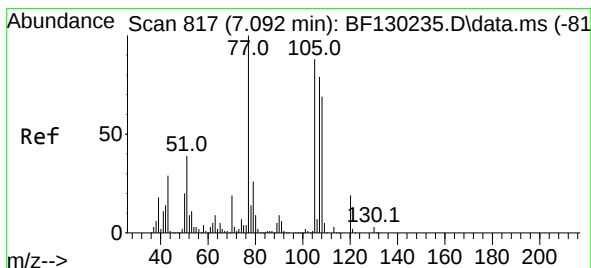
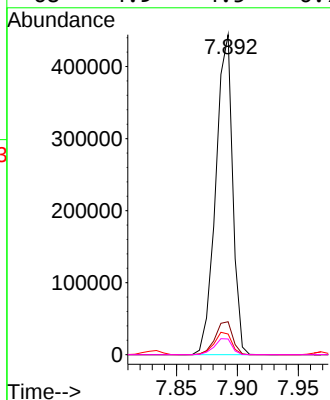
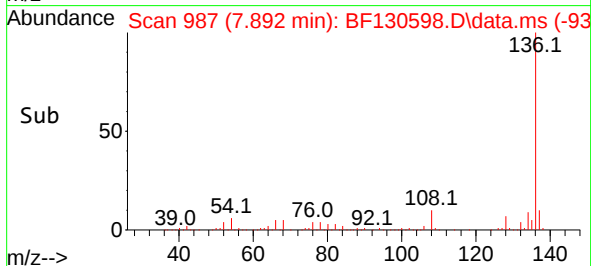
Instrument :
BNA_F
ClientSampleId :
PB148187BS



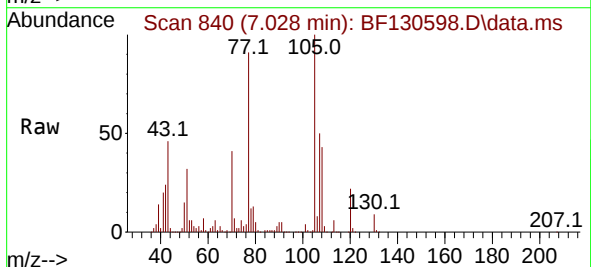
Tgt Ion:136 Resp: 428490
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 6.5 7.1 10.7
68 4.9 4.5 6.7

Manual Integrations
APPROVED

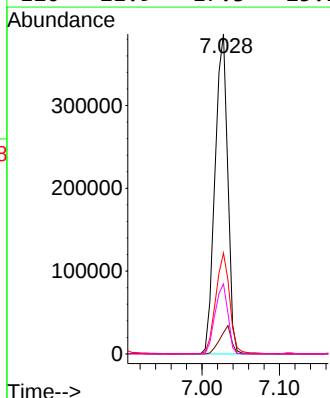
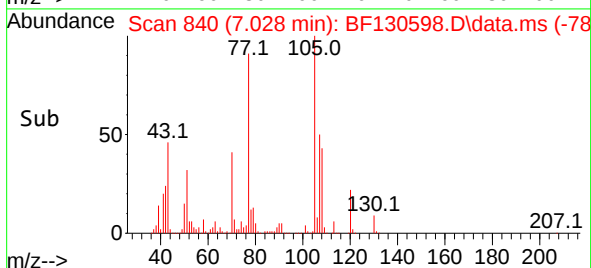
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

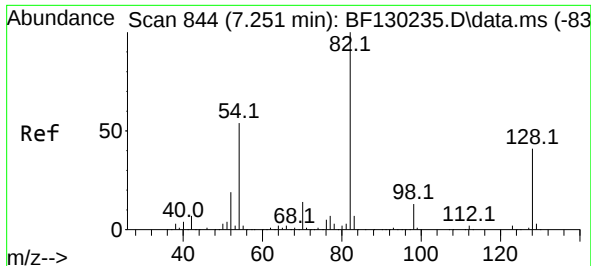


#22
Acetophenone
Concen: 42.264 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



Tgt Ion:105 Resp: 442758
Ion Ratio Lower Upper
105 100
71 6.7 3.9 5.9#
51 31.5 32.2 48.2#
120 21.9 17.3 25.9





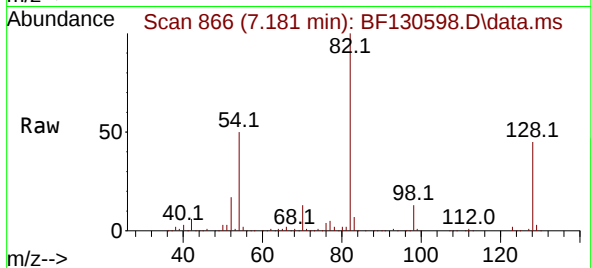
#23
Nitrobenzene-d5
Concen: 75.269 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

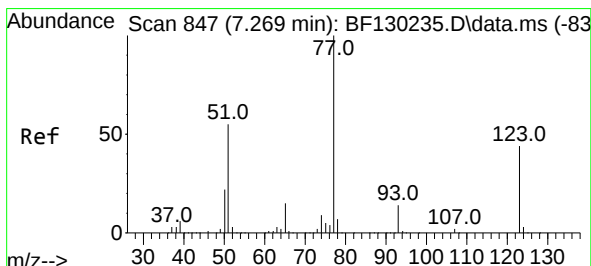
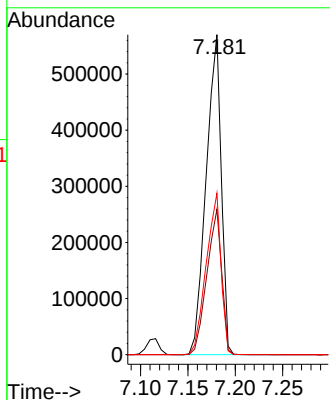
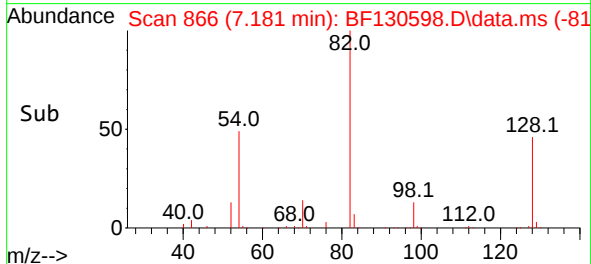


Tgt Ion: 82 Resp: 63130
Ion Ratio Lower Upper
82 100
128 45.5 32.6 49.0
54 50.5 43.8 65.6

Manual Integrations

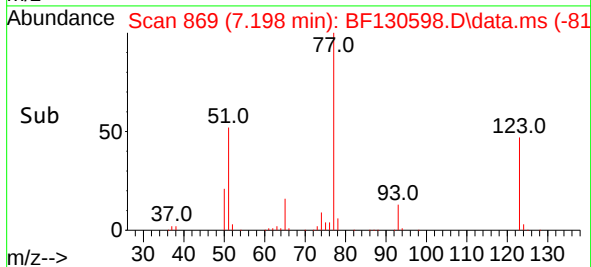
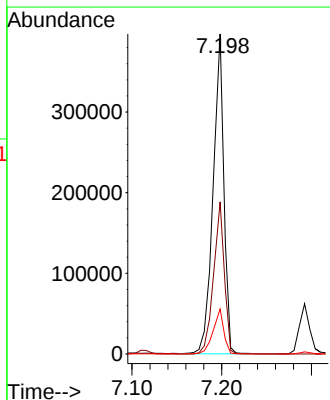
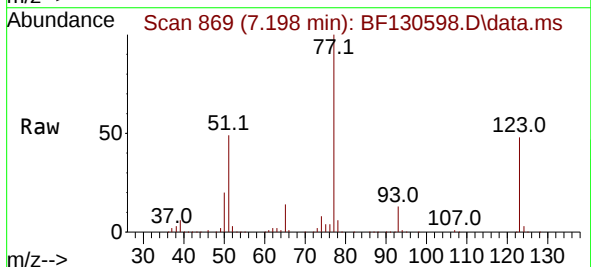
APPROVED

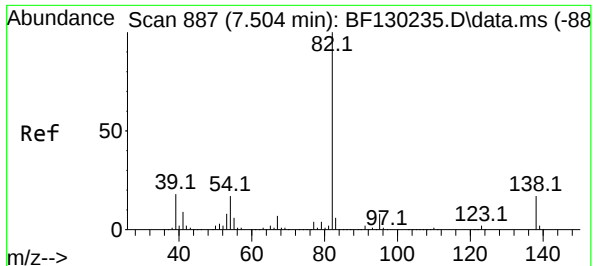
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#24
Nitrobenzene
Concen: 38.873 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion: 77 Resp: 331059
Ion Ratio Lower Upper
77 100
123 47.5 34.3 51.5
65 14.1 12.0 18.0





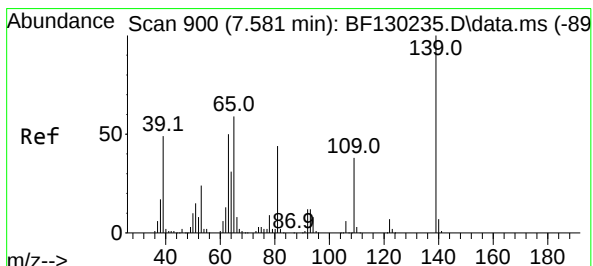
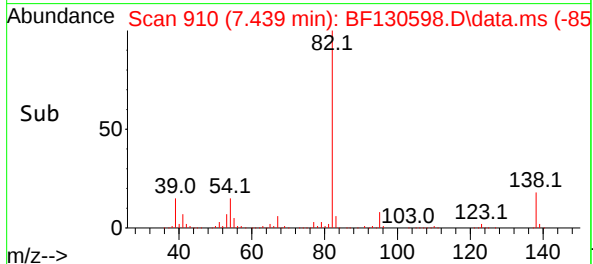
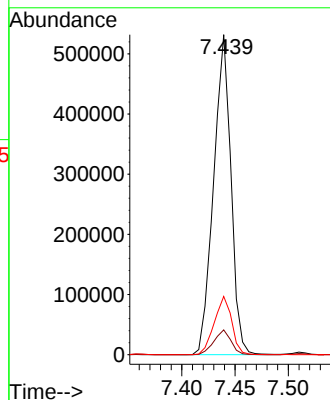
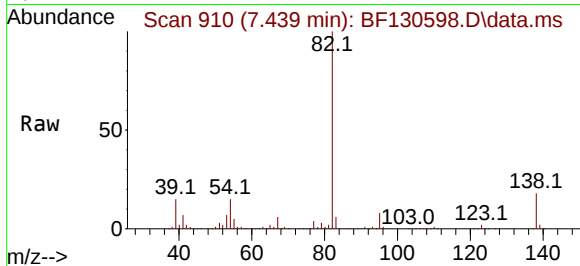
#25
Isophorone
Concen: 44.463 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148187BS

Tgt Ion: 82 Resp: 601072
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.8 20.6

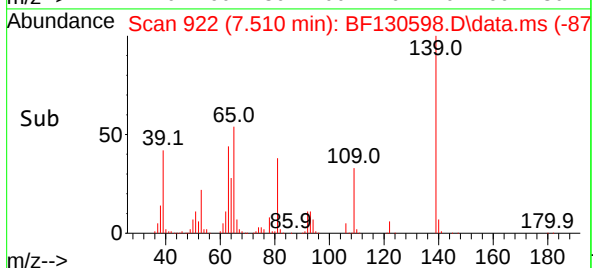
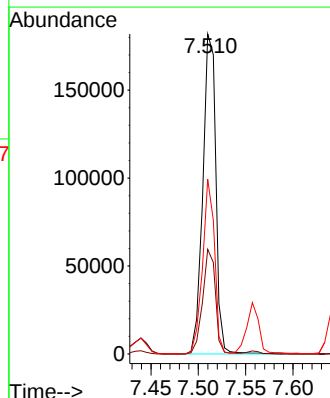
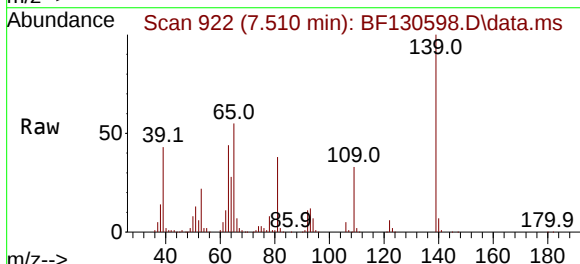
Manual Integrations
APPROVED

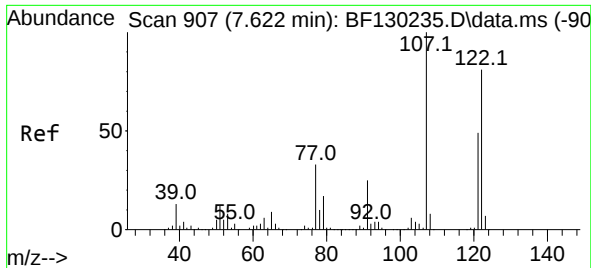
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#26
2-Nitrophenol
Concen: 49.961 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:139 Resp: 174423
Ion Ratio Lower Upper
139 100
109 32.7 30.2 45.4
65 54.6 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 50.487 ng

RT: 7.557 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

Tgt Ion:122 Resp: 27139

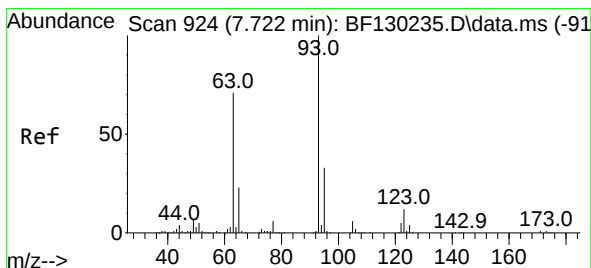
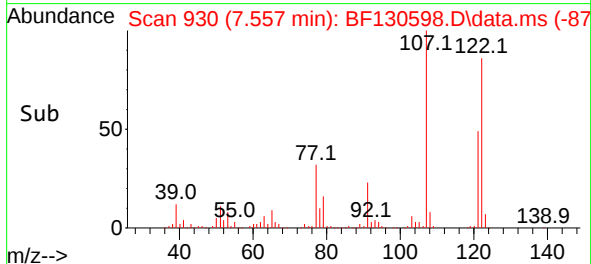
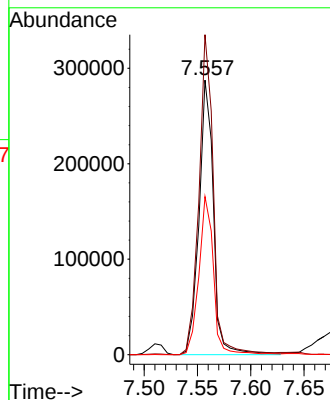
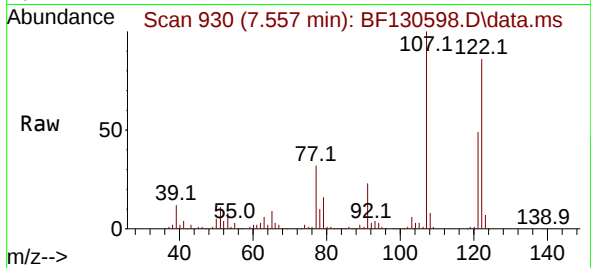
Ion	Ratio	Lower	Upper
122	100		
107	116.6	100.2	150.2
121	57.6	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.979 ng

RT: 7.651 min Scan# 946

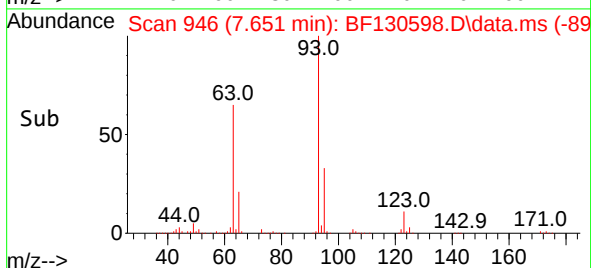
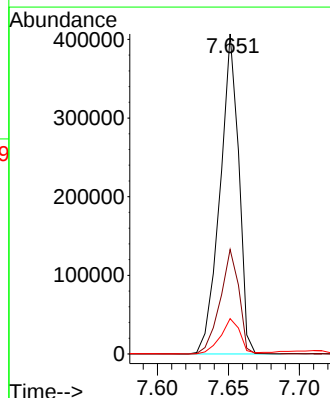
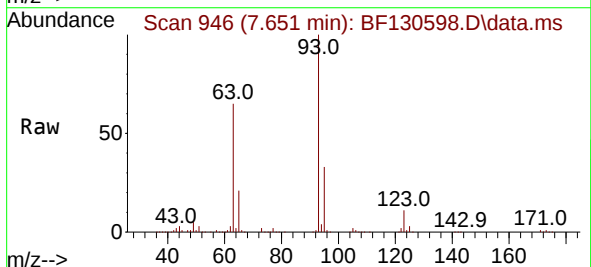
Delta R.T. -0.000 min

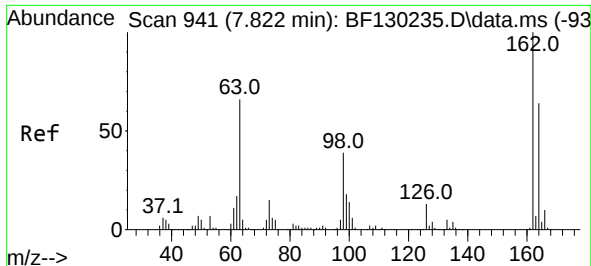
Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Tgt Ion: 93 Resp: 372829

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.0	9.4	14.2





#29

2,4-Dichlorophenol

Concen: 45.429 ng

RT: 7.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

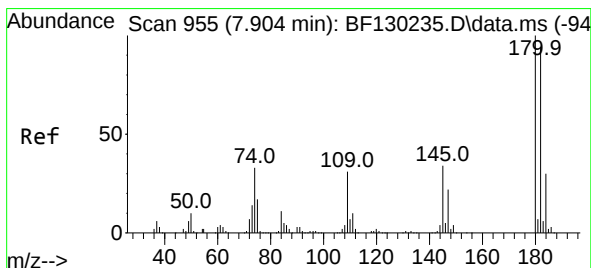
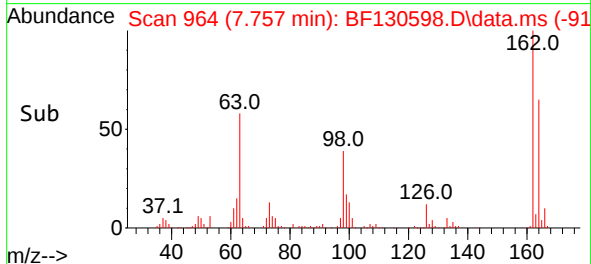
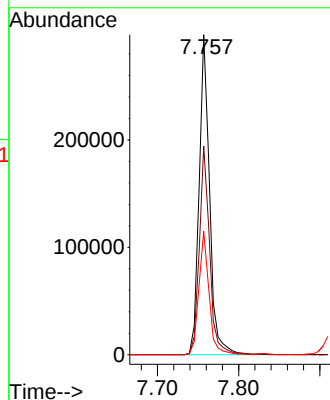
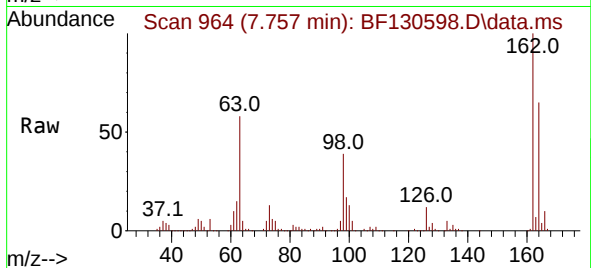
PB148187BS

Tgt Ion:162 Resp: 267609
 Ion Ratio Lower Upper
 162 100
 164 65.2 42.2 82.2
 98 38.6 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.670 ng

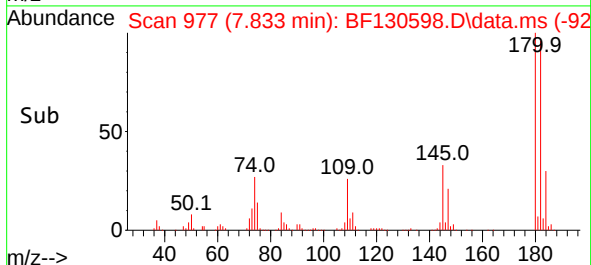
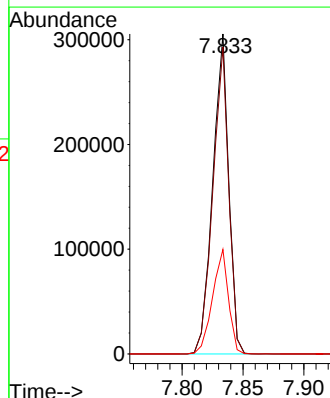
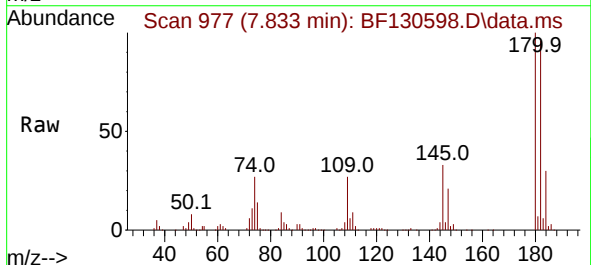
RT: 7.833 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Tgt Ion:180 Resp: 278124
 Ion Ratio Lower Upper
 180 100
 182 96.0 73.3 109.9
 145 32.7 28.3 42.5





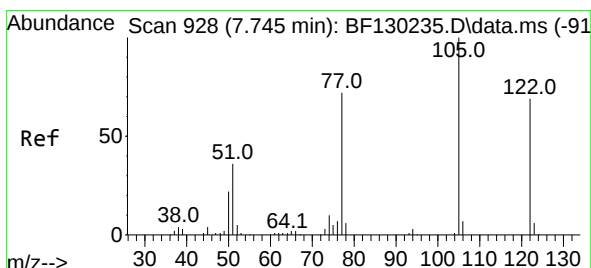
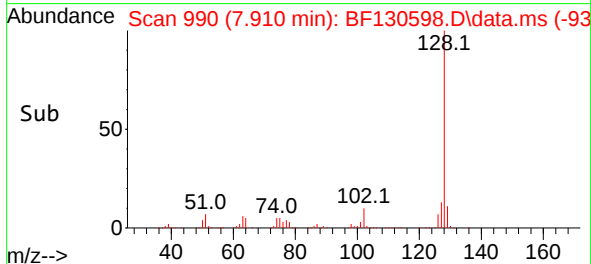
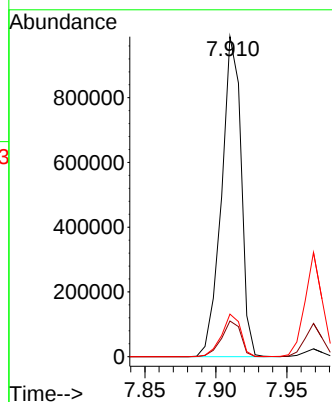
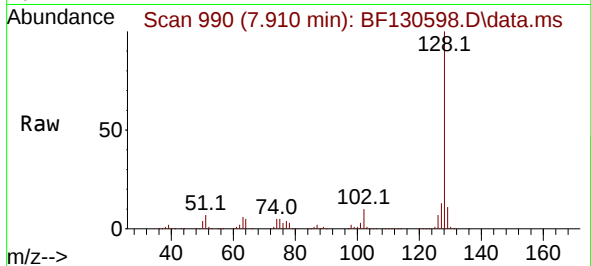
#31
Naphthalene
Concen: 42.783 ng
RT: 7.910 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148187BS

Tgt Ion:128 Resp: 944462
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.6 16.0

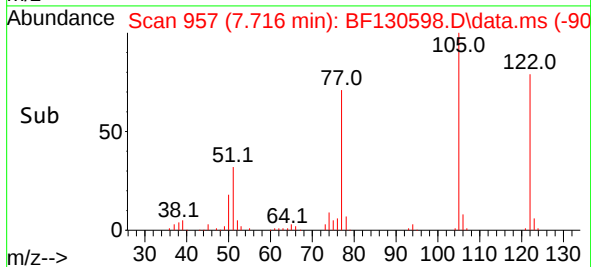
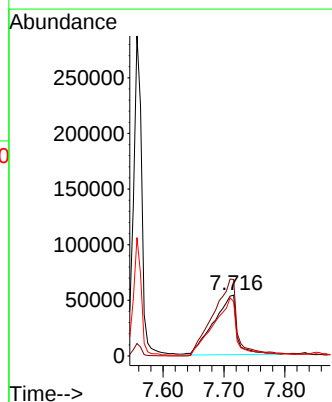
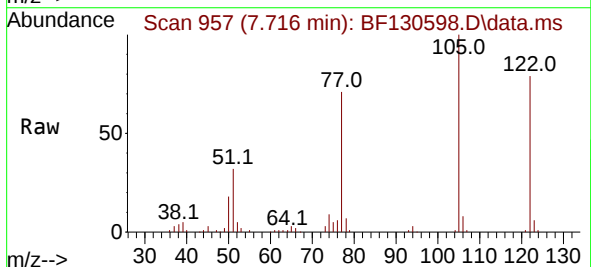
Manual Integrations
APPROVED

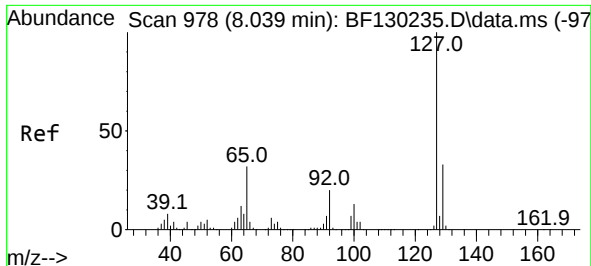
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#32
Benzoic acid
Concen: 34.884 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.018 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:122 Resp: 145011
Ion Ratio Lower Upper
122 100
105 125.9 112.9 152.9
77 89.5 82.8 122.8





#33
4-Chloroaniline
Concen: 35.451 ng
RT: 7.969 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

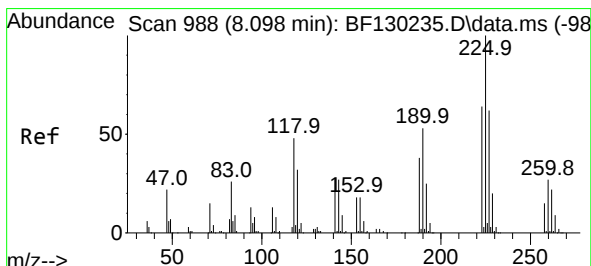
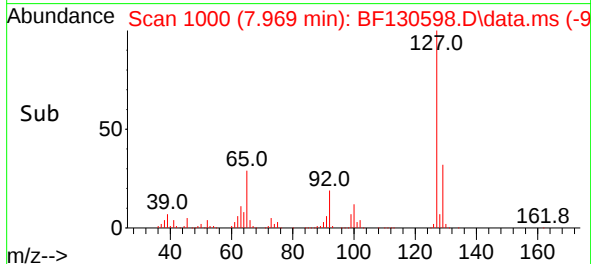
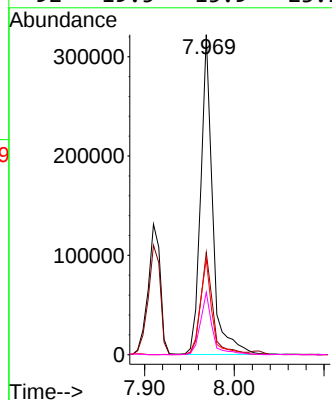
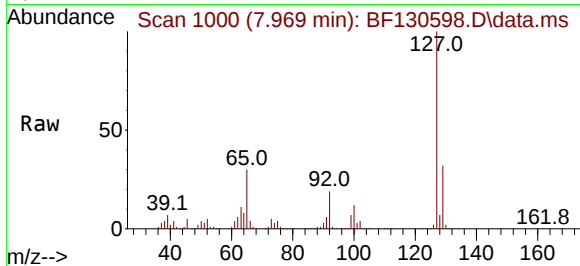
PB148187BS

Tgt Ion:127 Resp: 297649
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 29.8 27.0 40.6
92 19.5 15.9 23.9

Manual Integrations

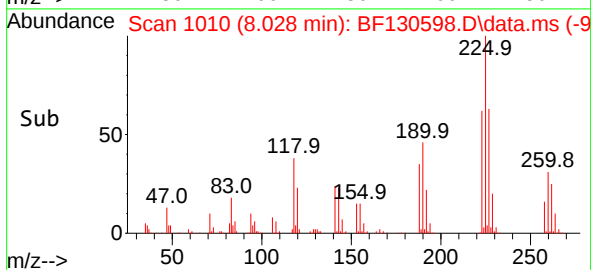
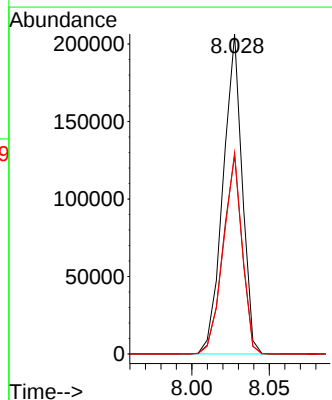
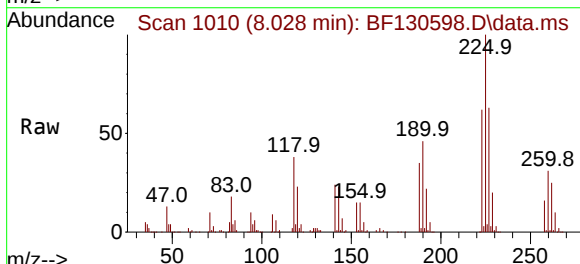
APPROVED

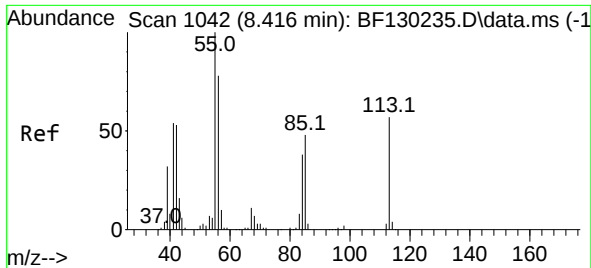
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#34
Hexachlorobutadiene
Concen: 43.425 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

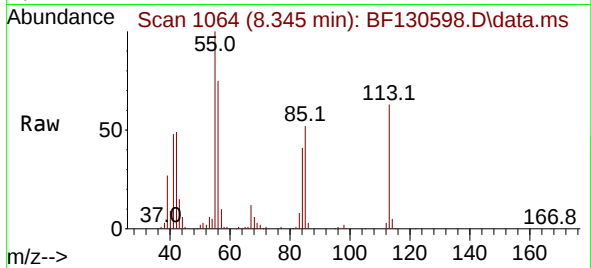
Tgt Ion:225 Resp: 176748
Ion Ratio Lower Upper
225 100
223 62.1 50.3 75.5
227 62.9 51.1 76.7





#35
 Caprolactam
 Concen: 50.582 ng m
 RT: 8.345 min Scan# 1064
 Delta R.T. -0.000 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

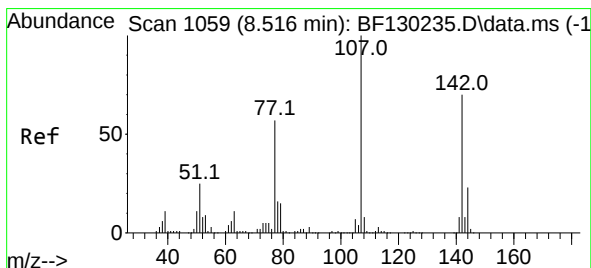
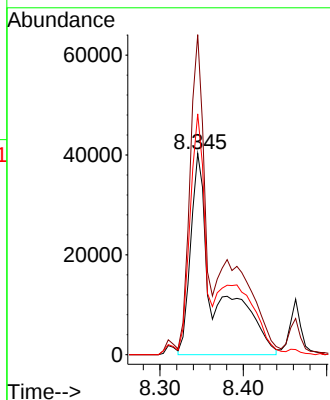
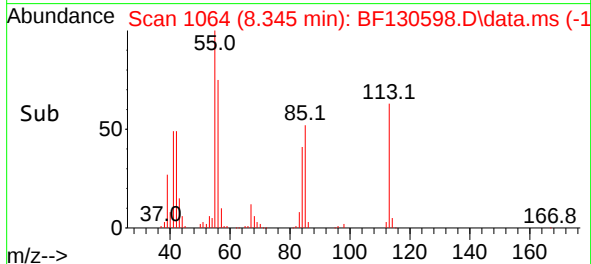
Instrument :
 BNA_F
 ClientSampleId :
 PB148187BS



Tgt Ion:113 Resp: 85420
 Ion Ratio Lower Upper
 113 100
 55 159.0 155.4 195.4
 56 119.7 120.4 160.4

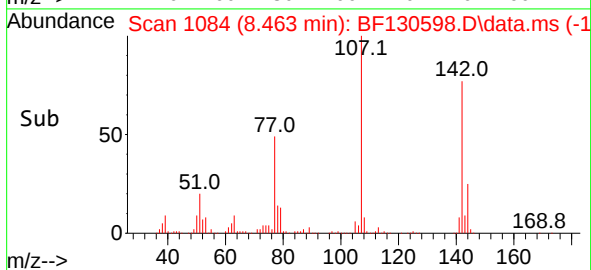
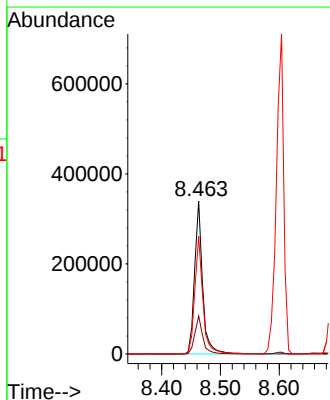
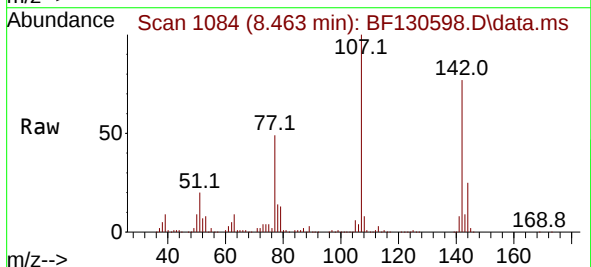
Manual Integrations
 APPROVED

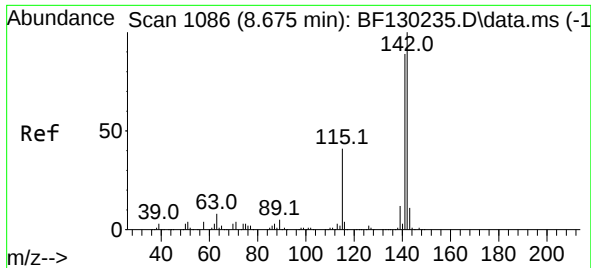
Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#36
 4-Chloro-3-methylphenol
 Concen: 49.236 ng
 RT: 8.463 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

Tgt Ion:107 Resp: 321480
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.0 30.0
 142 76.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 44.115 ng

RT: 8.604 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

Tgt Ion:142 Resp: 620928

Ion Ratio Lower Upper

142 100

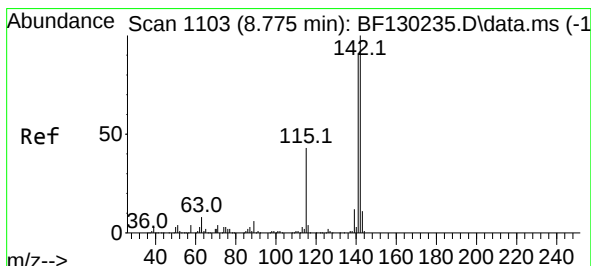
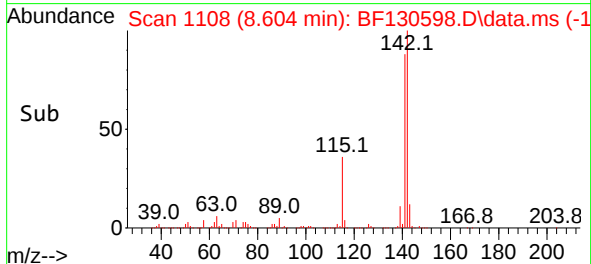
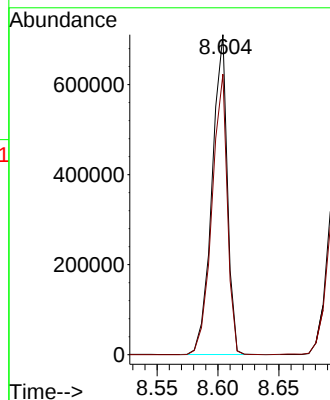
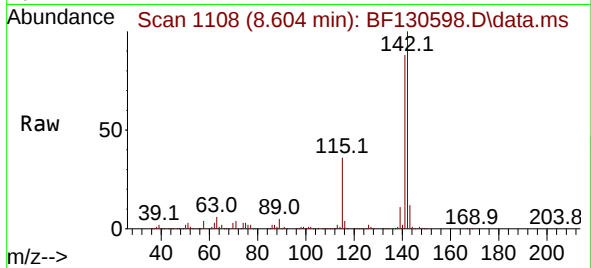
141 87.6 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#38

1-Methylnaphthalene

Concen: 47.362 ng

RT: 8.698 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF130598.D

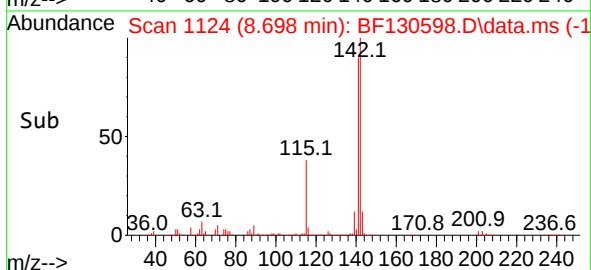
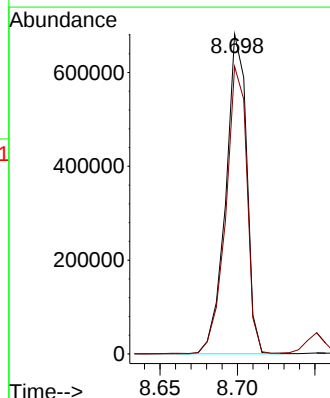
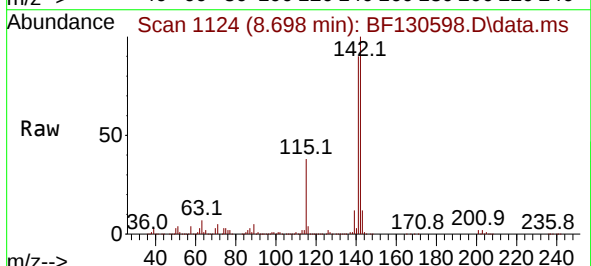
Acq: 10 Oct 2022 12:15

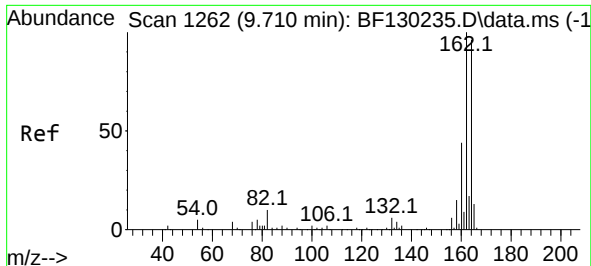
Tgt Ion:142 Resp: 640395

Ion Ratio Lower Upper

142 100

141 89.9 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.639 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF130598.D

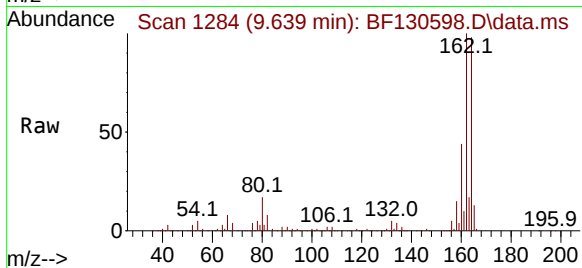
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS



Tgt Ion:164 Resp: 19710

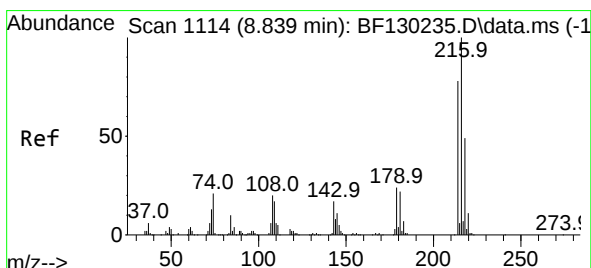
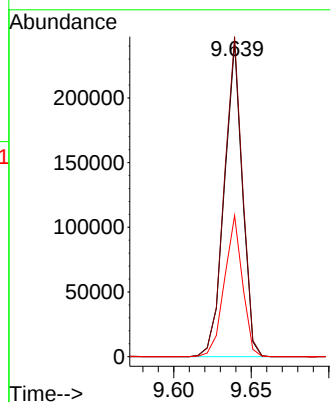
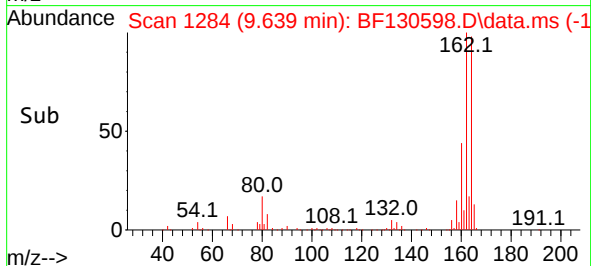
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	44.9	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#40

1,2,4,5-Tetrachlorobenzene

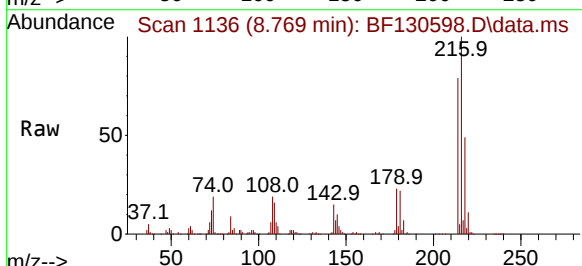
Concen: 57.880 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.000 min

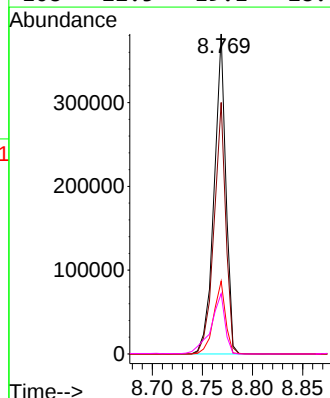
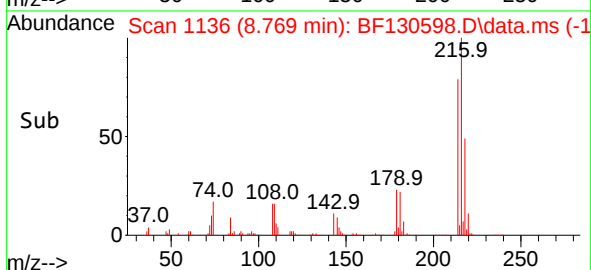
Lab File: BF130598.D

Acq: 10 Oct 2022 12:15



Tgt Ion:216 Resp: 311348

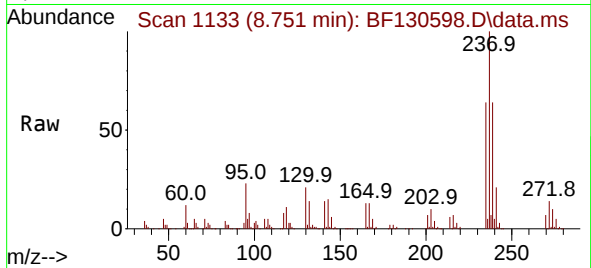
Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	22.7	19.5	29.3
108	22.5	19.1	28.7





#41
Hexachlorocyclopentadiene
Concen: 95.871 ng
RT: 8.751 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

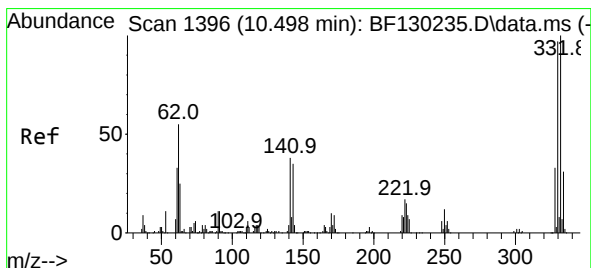
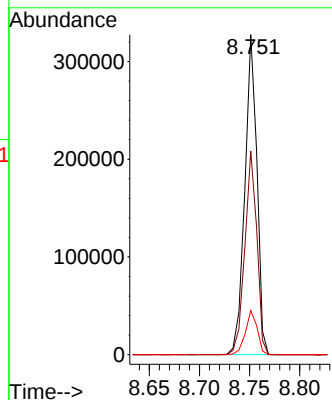
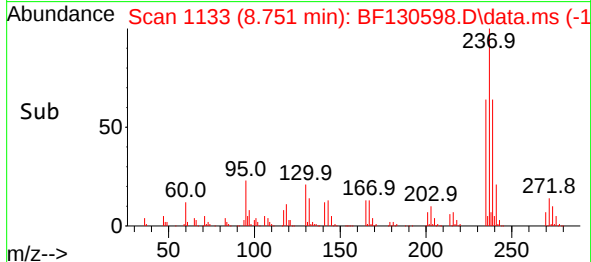
Instrument :
BNA_F
ClientSampleId :
PB148187BS



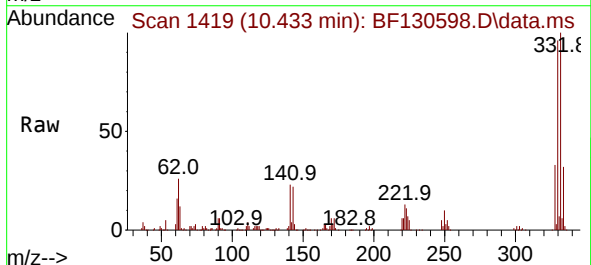
Tgt Ion:237 Resp: 276104
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 13.8 0.0 32.8

Manual Integrations
APPROVED

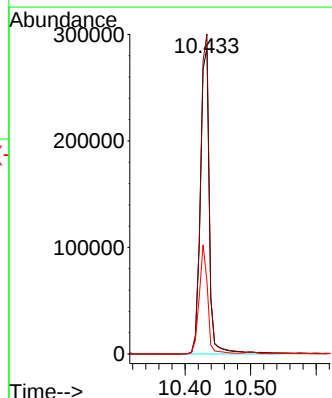
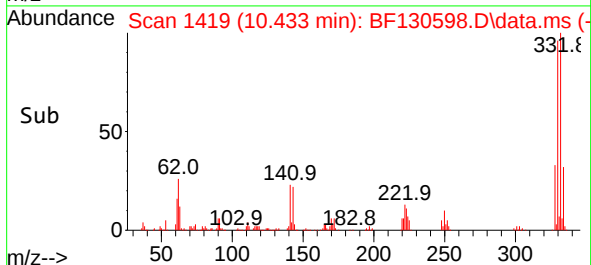
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

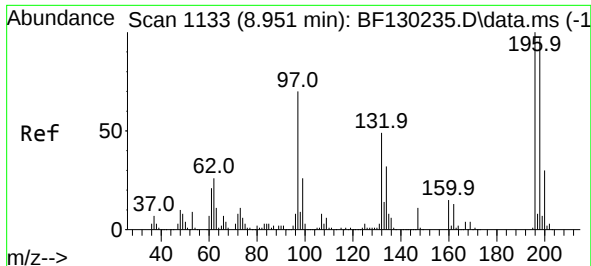


#42
2,4,6-Tribromophenol
Concen: 144.549 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



Tgt Ion:330 Resp: 273005
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 33.3 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 52.328 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

Tgt Ion:196 Resp: 19644

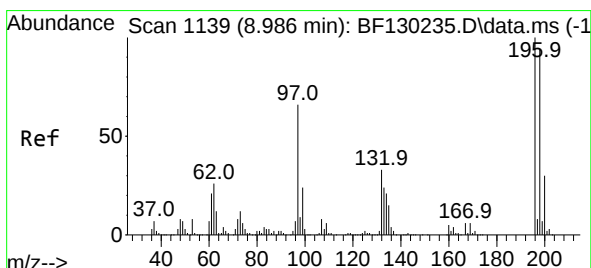
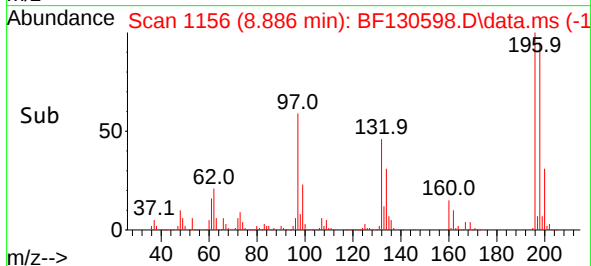
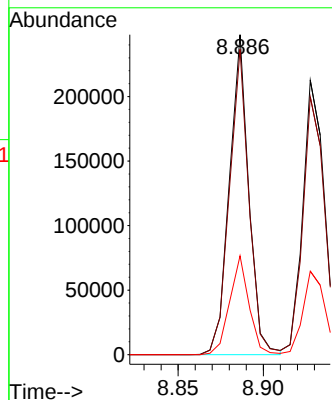
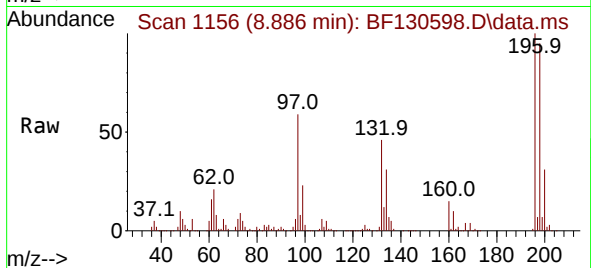
Ion	Ratio	Lower	Upper
196	100		
198	95.4	72.4	108.6
200	30.9	23.8	35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#44

2,4,5-Trichlorophenol

Concen: 51.774 ng

RT: 8.928 min Scan# 1163

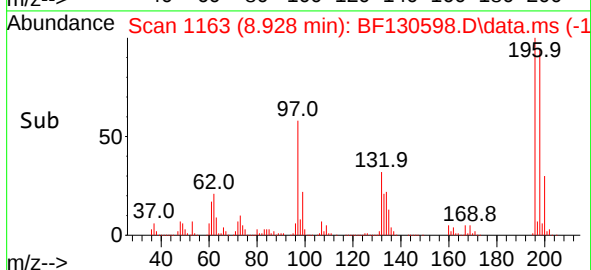
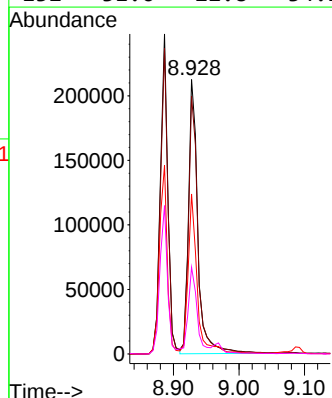
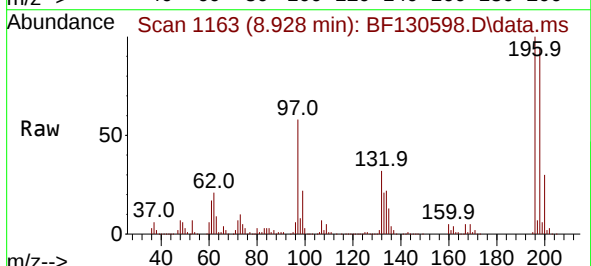
Delta R.T. -0.000 min

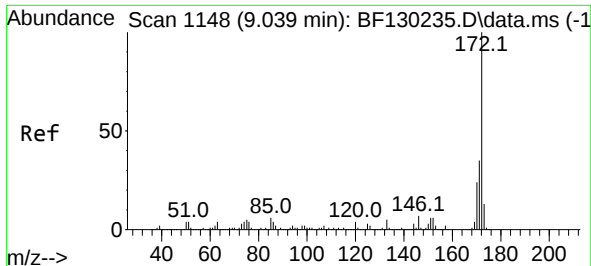
Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Tgt Ion:196 Resp: 209744

Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.8	112.2
97	58.3	43.7	65.5
132	31.6	22.8	34.2





#45

2-Fluorobiphenyl

Concen: 97.997 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

Tgt Ion:172 Resp: 132647

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

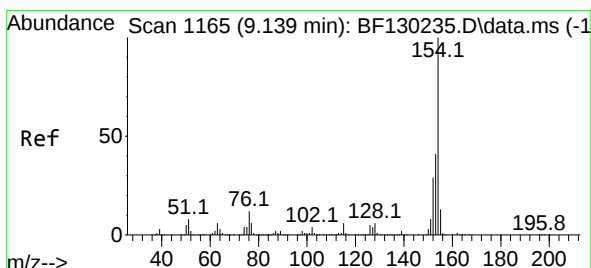
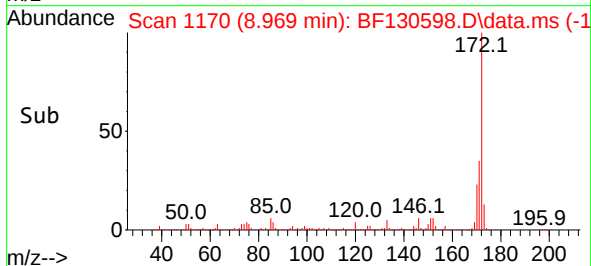
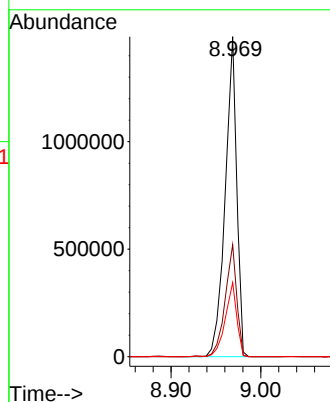
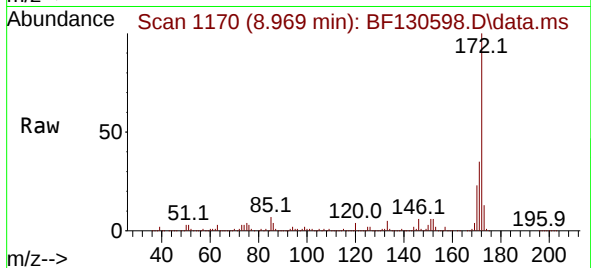
170 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#46

1,1'-Biphenyl

Concen: 50.767 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

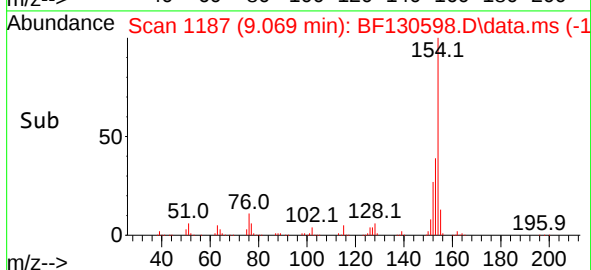
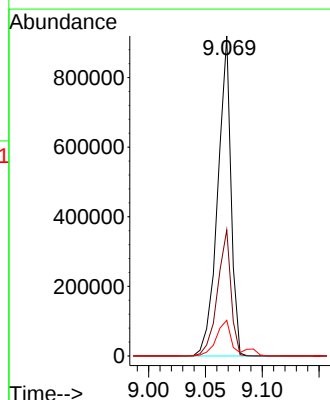
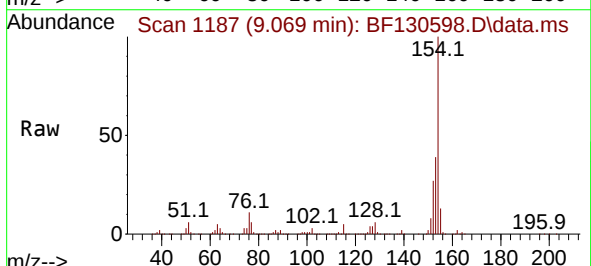
Tgt Ion:154 Resp: 747326

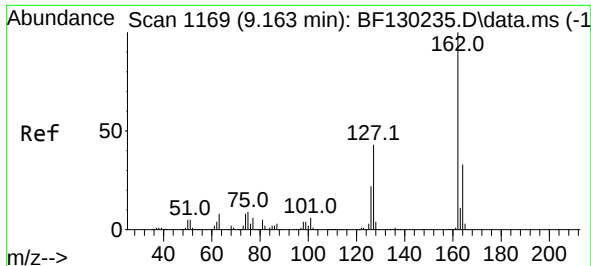
Ion Ratio Lower Upper

154 100

153 39.4 20.0 60.0

76 11.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 49.400 ng

RT: 9.092 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

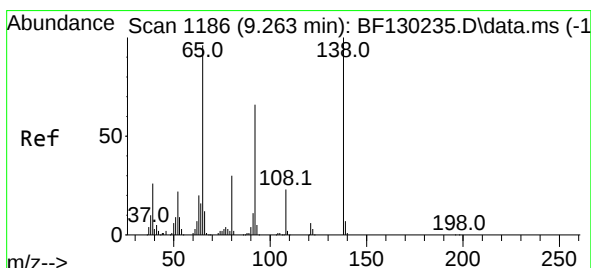
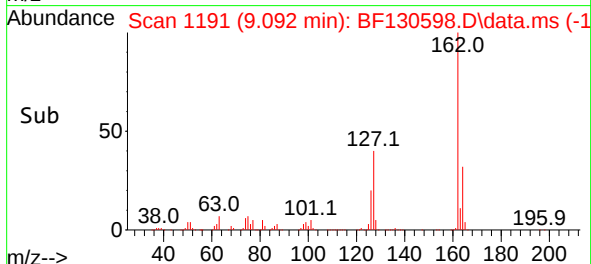
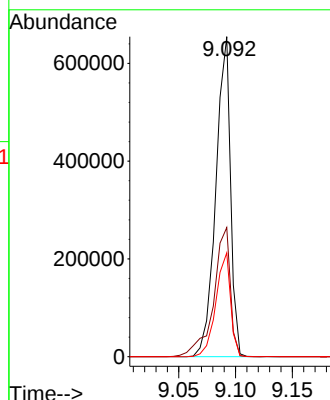
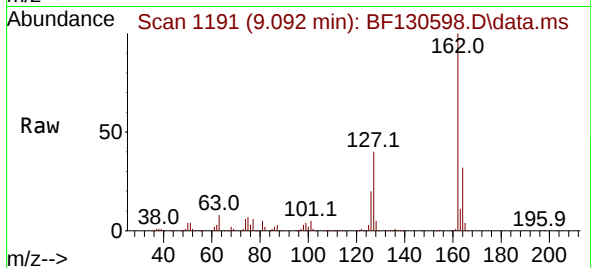
PB148187BS

Tgt Ion:162 Resp: 58826
 Ion Ratio Lower Upper
 162 100
 127 40.4 35.9 53.9
 164 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#48

2-Nitroaniline

Concen: 45.764 ng

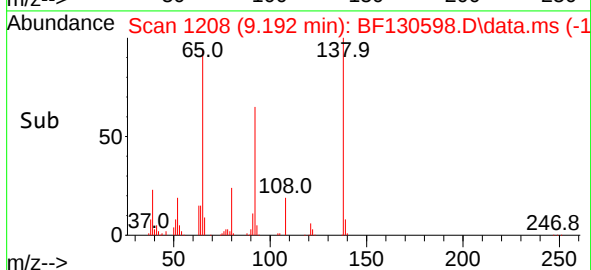
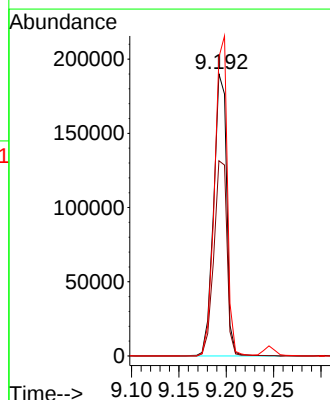
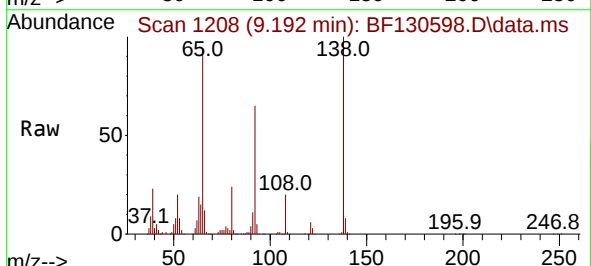
RT: 9.192 min Scan# 1208

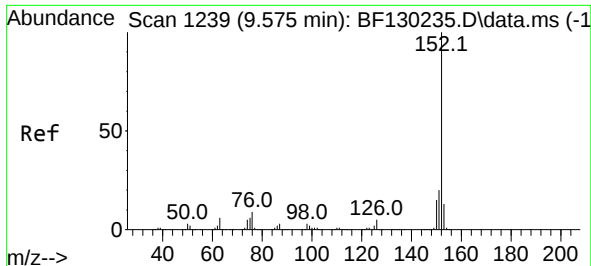
Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

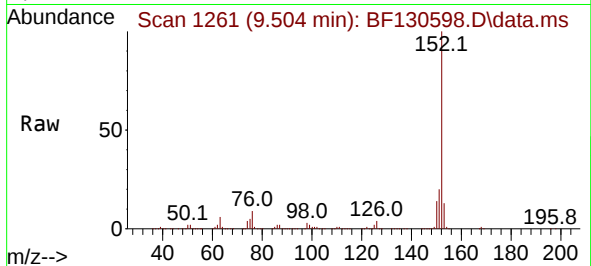
Tgt Ion: 65 Resp: 181763
 Ion Ratio Lower Upper
 65 100
 92 69.2 52.2 78.4
 138 105.9 77.0 115.4





#49
Acenaphthylene
Concen: 43.825 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

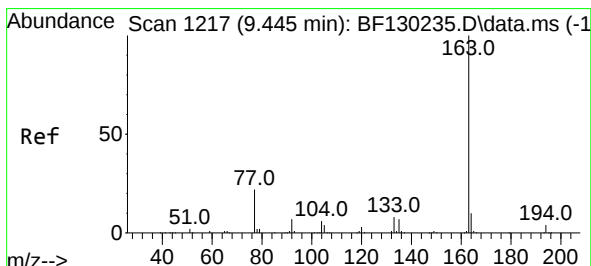
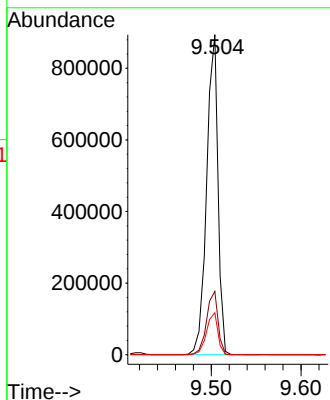
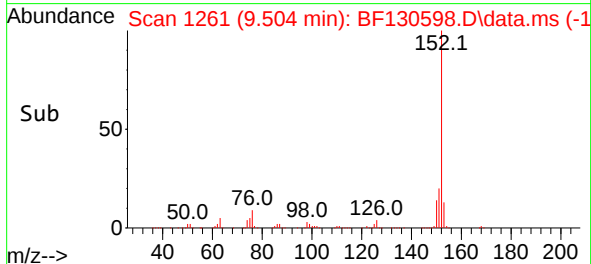
Instrument :
BNA_F
ClientSampleId :
PB148187BS



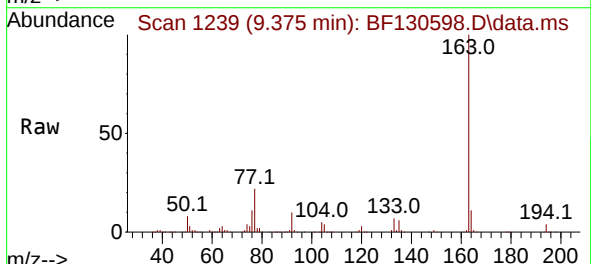
Tgt Ion:152 Resp: 782474
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.6 15.8

Manual Integrations
APPROVED

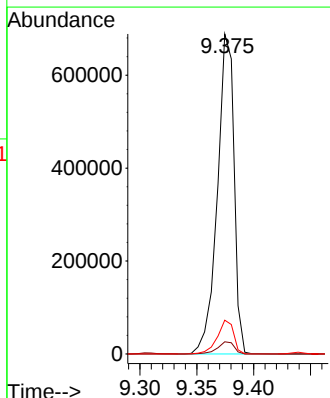
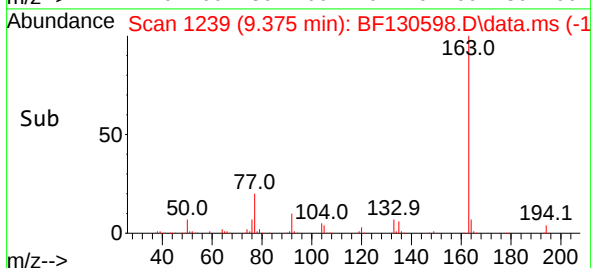
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

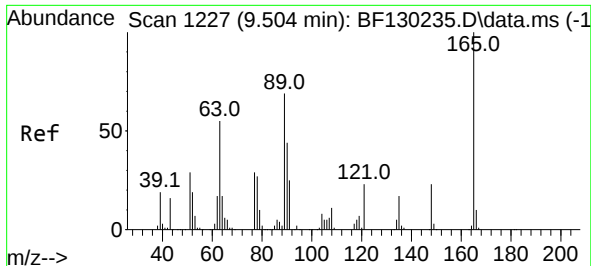


#50
Dimethylphthalate
Concen: 51.789 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



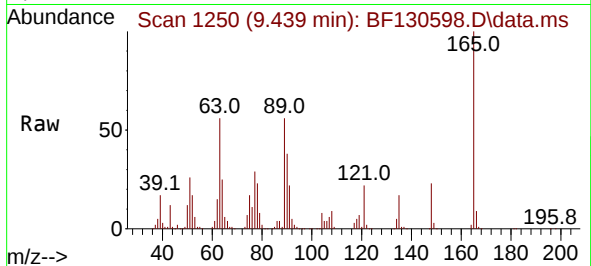
Tgt Ion:163 Resp: 705124
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 56.009 ng
RT: 9.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

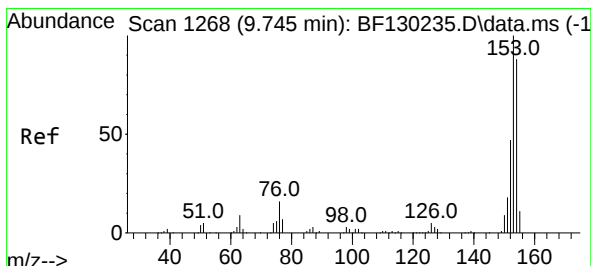
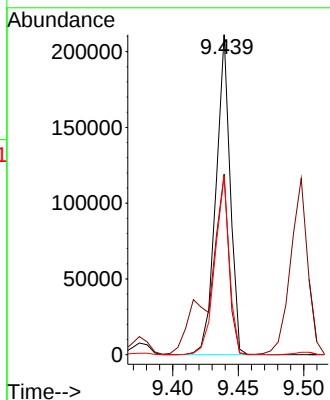
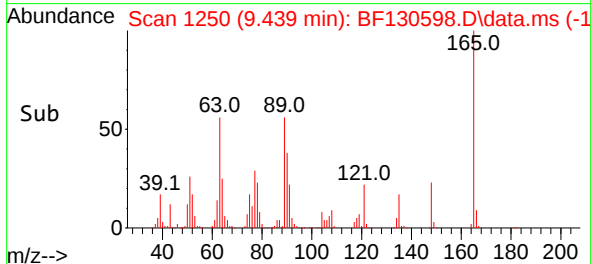
Instrument :
BNA_F
ClientSampleId :
PB148187BS



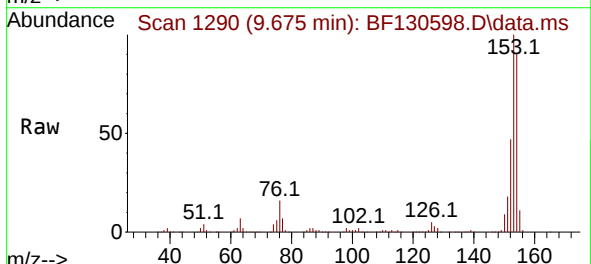
Tgt Ion:165 Resp: 159484
Ion Ratio Lower Upper
165 100
63 56.4 58.8 88.2
89 55.8 54.5 81.7

Manual Integrations
APPROVED

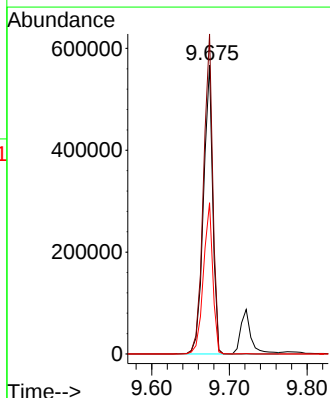
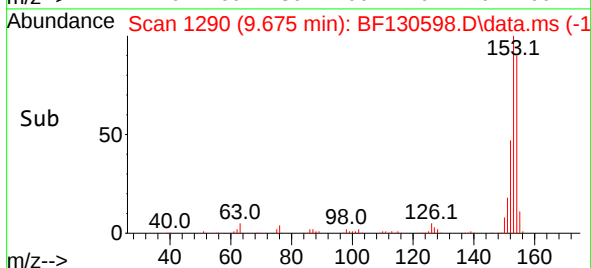
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

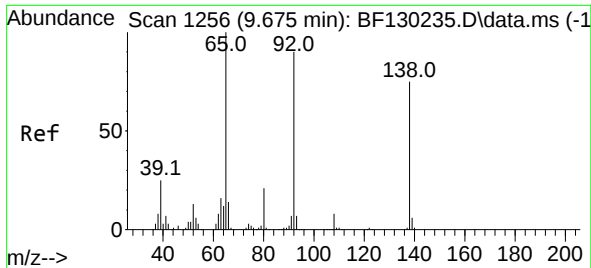


#52
Acenaphthene
Concen: 46.789 ng m
RT: 9.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



Tgt Ion:154 Resp: 548880
Ion Ratio Lower Upper
154 100
153 110.8 90.6 136.0
152 52.4 43.8 65.6





#53
3-Nitroaniline
Concen: 31.386 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

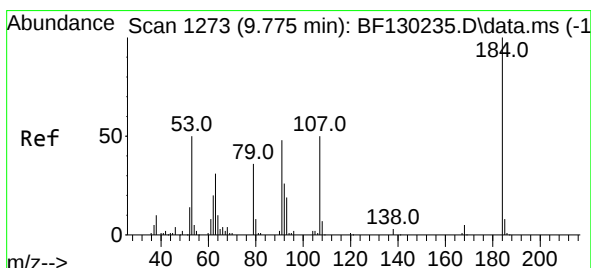
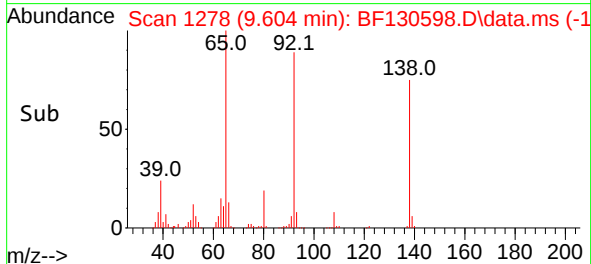
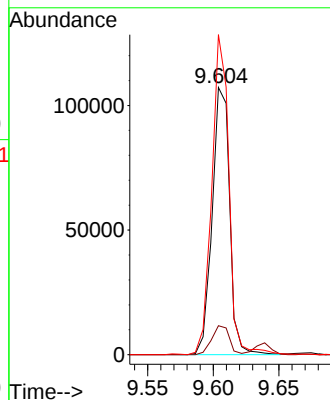
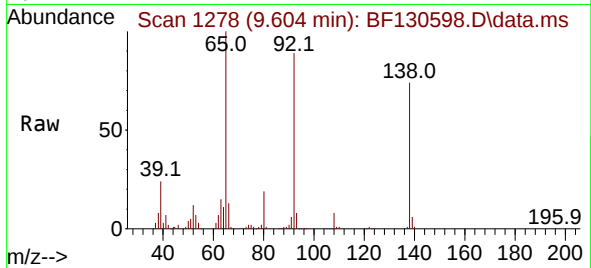
PB148187BS

Tgt Ion:138 Resp: 99584
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 119.8 99.2 148.8

Manual Integrations

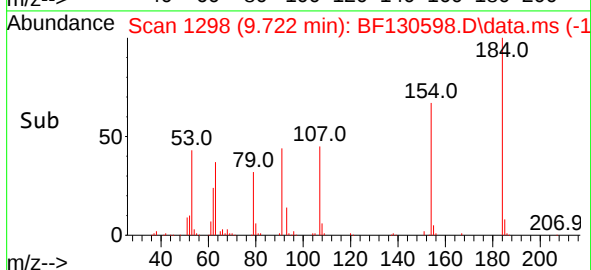
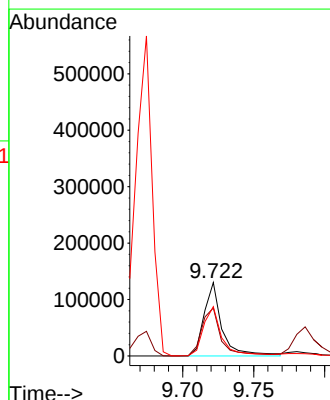
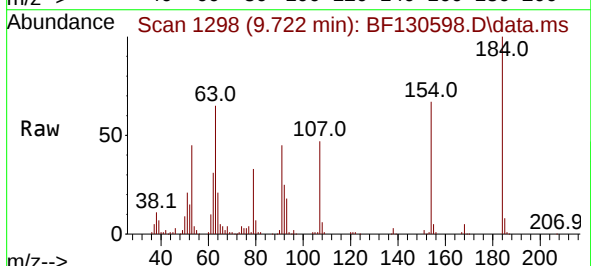
APPROVED

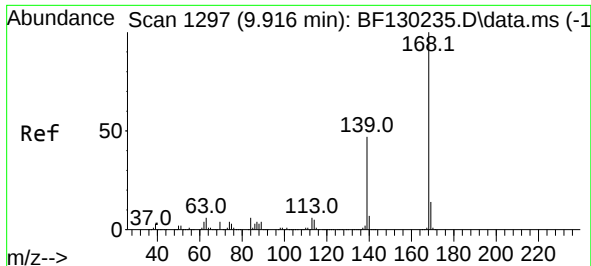
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#54
2,4-Dinitrophenol
Concen: 74.611 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:184 Resp: 114543
Ion Ratio Lower Upper
184 100
63 65.2 70.0 105.0#
154 67.0 63.0 94.6





#55
Dibenzofuran
Concen: 43.863 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

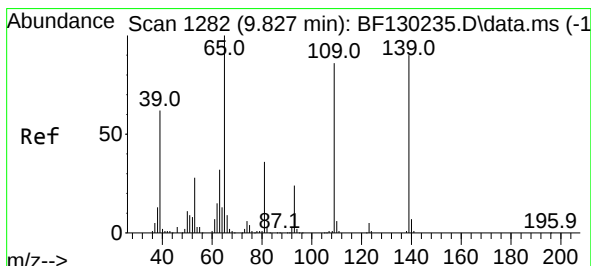
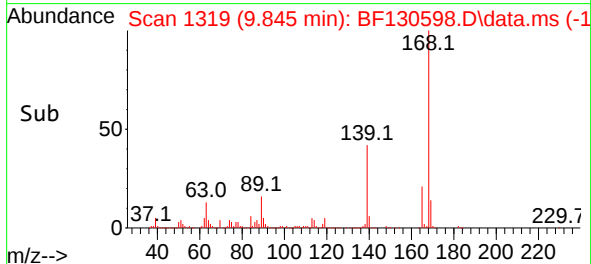
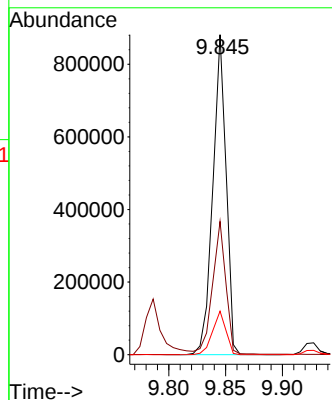
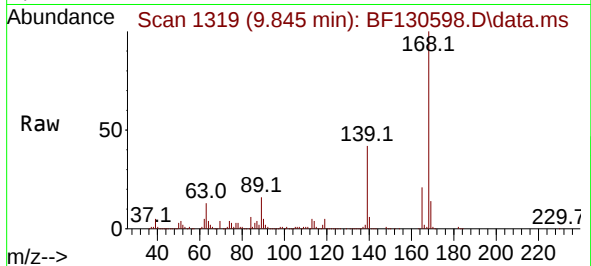
ClientSampleId :

PB148187BS

Tgt Ion:168 Resp: 715704
Ion Ratio Lower Upper
168 100
139 41.7 35.0 52.4
169 13.6 10.9 16.3

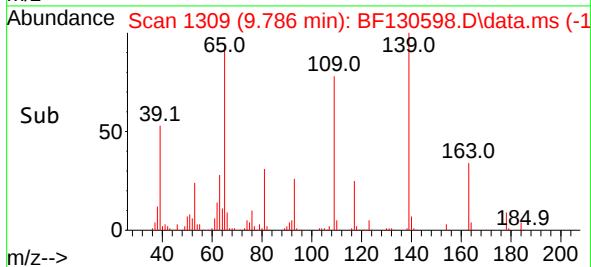
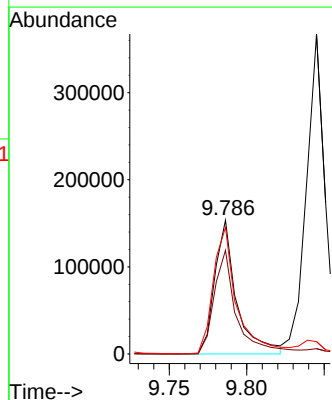
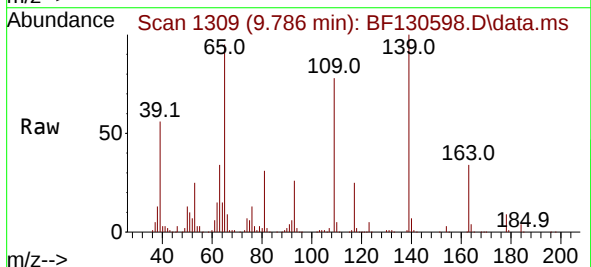
Manual Integrations
APPROVED

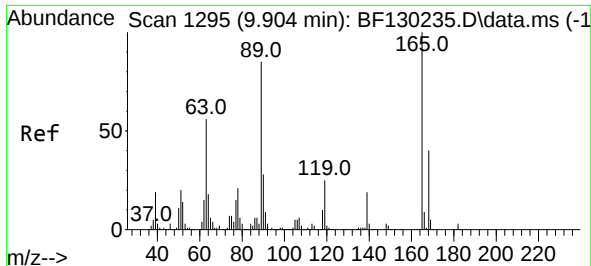
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#56
4-Nitrophenol
Concen: 65.617 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:139 Resp: 151641
Ion Ratio Lower Upper
139 100
109 77.5 72.2 112.2
65 94.7 97.7 137.7#





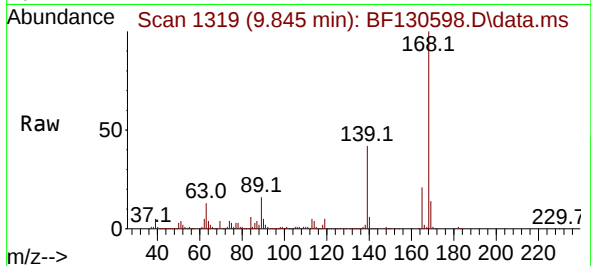
#57
2,4-Dinitrotoluene
Concen: 45.417 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

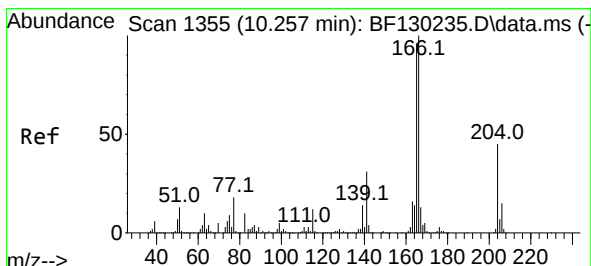
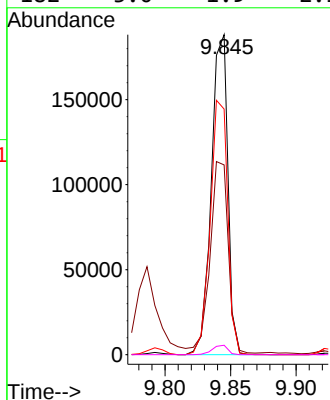
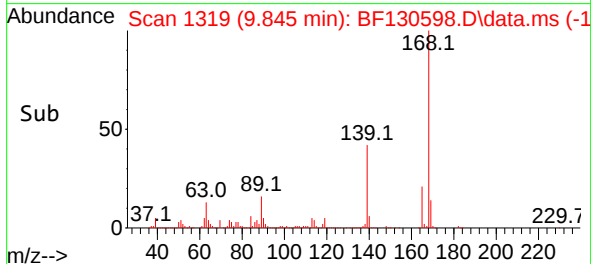


Tgt Ion:165 Resp: 165280
Ion Ratio Lower Upper
165 100
63 59.3 44.7 67.1
89 76.7 69.0 103.4
182 3.0 1.9 2.9#

Manual Integrations

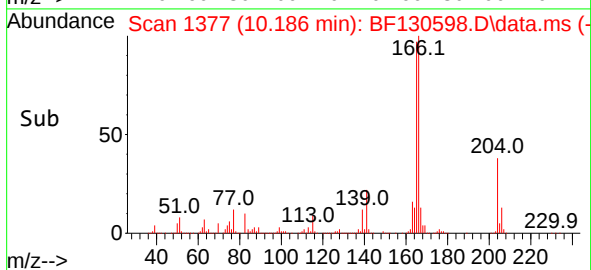
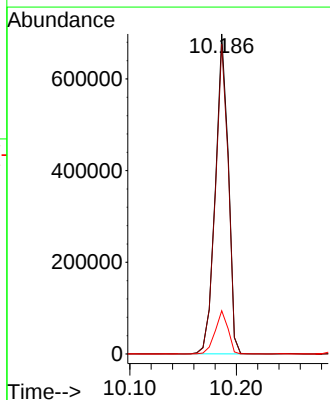
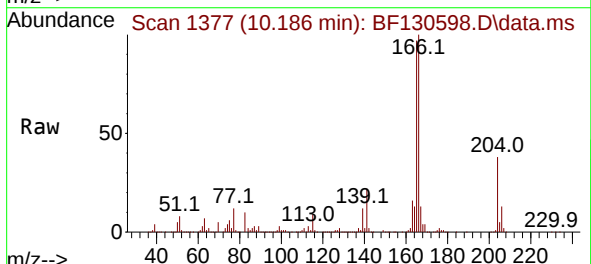
APPROVED

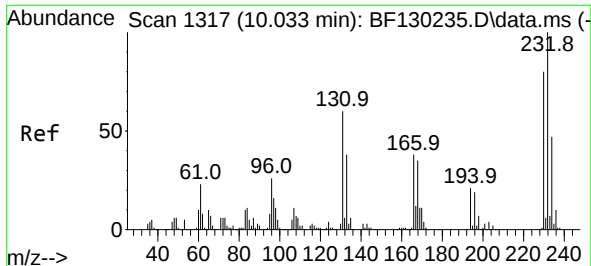
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#58
Fluorene
Concen: 43.782 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

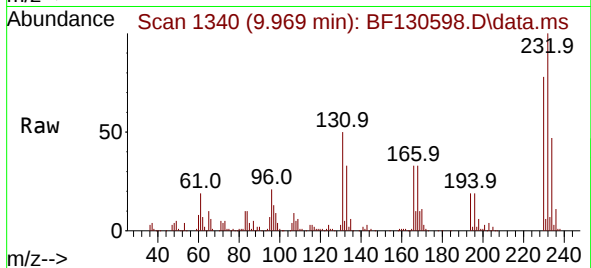
Tgt Ion:166 Resp: 584244
Ion Ratio Lower Upper
166 100
165 96.7 78.8 118.2
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.513 ng
RT: 9.969 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

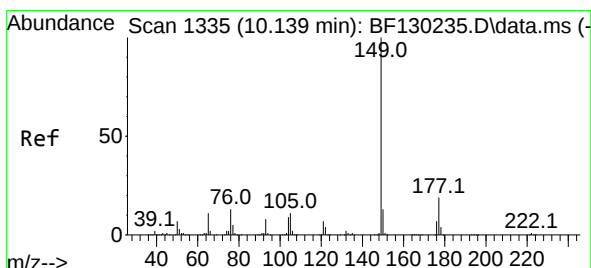
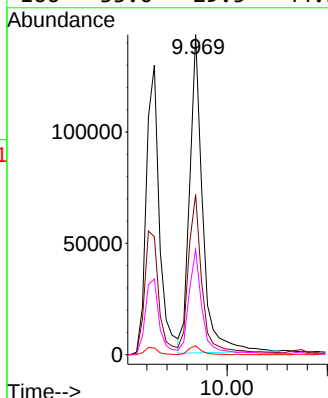
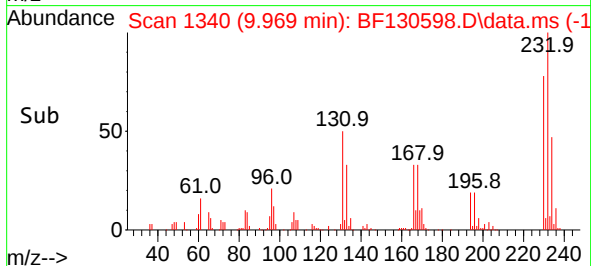
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion:232 Resp: 128461
Ion Ratio Lower Upper
232 100
131 54.2 46.4 69.6
130 2.8 2.3 3.5
166 33.0 29.5 44.3

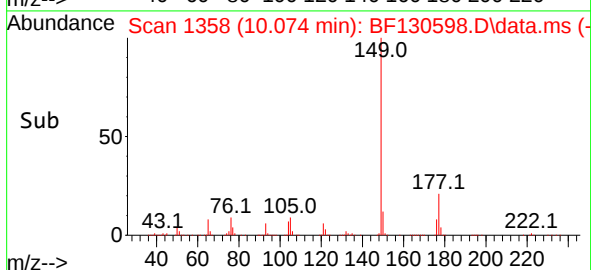
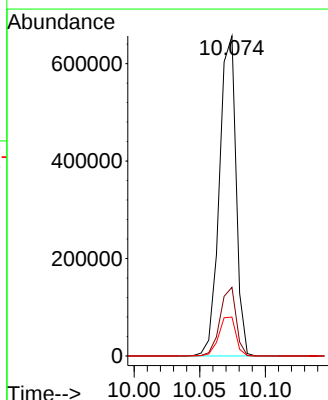
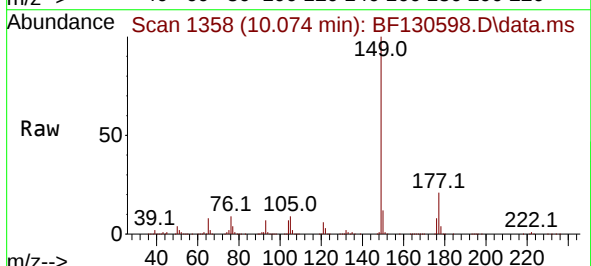
Manual Integrations
APPROVED

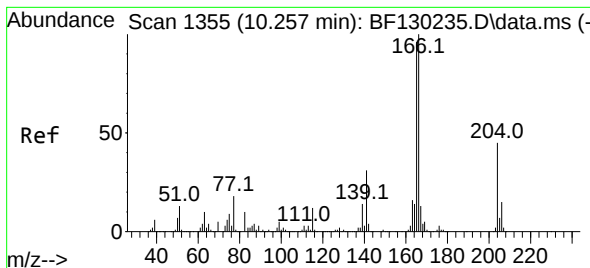
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#60
Diethylphthalate
Concen: 42.444 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:149 Resp: 579505
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.220 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

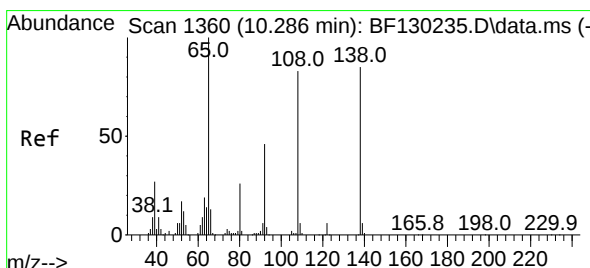
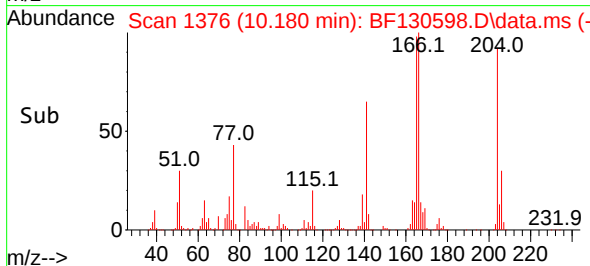
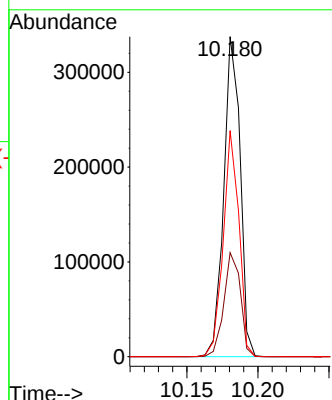
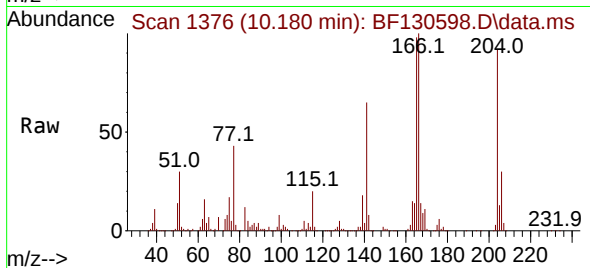
PB148187BS

Tgt Ion:204 Resp: 27056
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 70.6 57.1 85.7

Manual Integrations

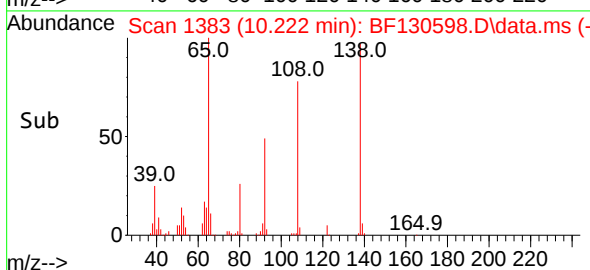
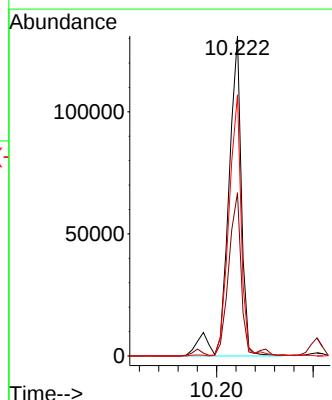
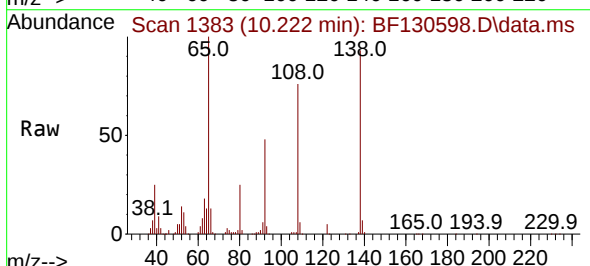
APPROVED

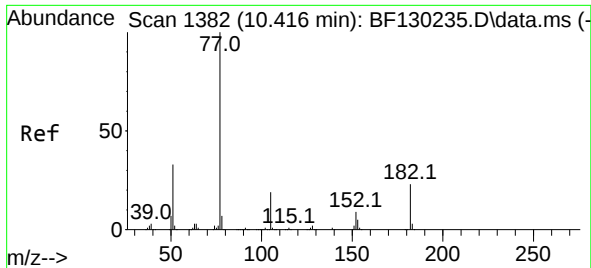
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#62
4-Nitroaniline
Concen: 38.598 ng m
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

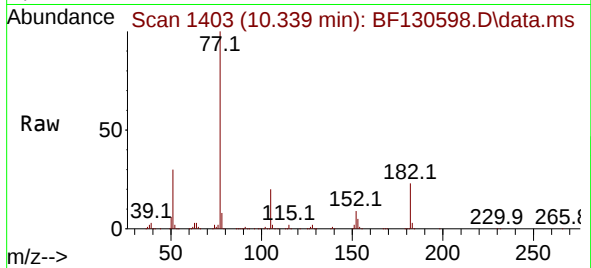
Tgt Ion:138 Resp: 123027
Ion Ratio Lower Upper
138 100
92 51.0 36.7 76.7
108 81.6 78.2 118.2





#63
Azobenzene
Concen: 39.505 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

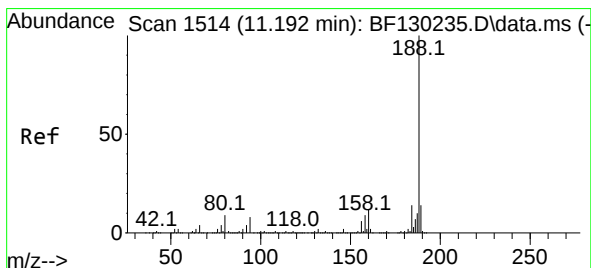
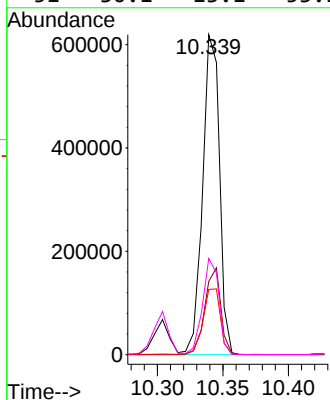
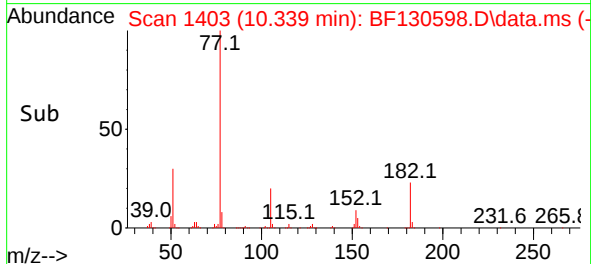
Instrument :
BNA_F
ClientSampleId :
PB148187BS



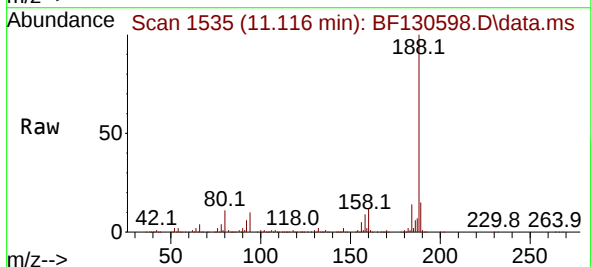
Tgt Ion: 77 Resp: 55541
Ion Ratio Lower Upper
77 100
182 22.9 2.1 42.1
105 20.4 0.0 39.4
51 30.1 13.1 53.1

Manual Integrations
APPROVED

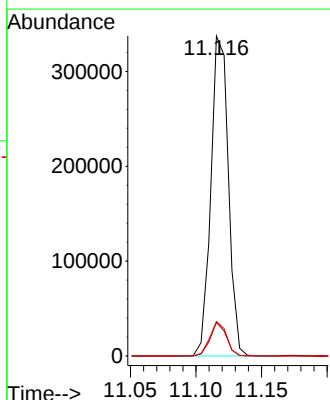
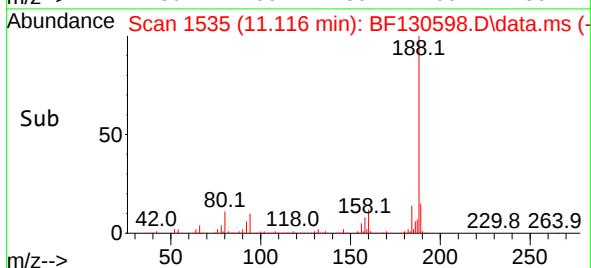
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

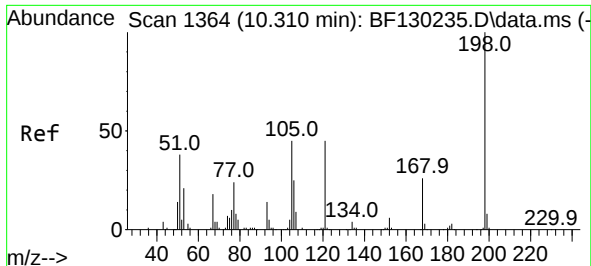


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



Tgt Ion:188 Resp: 313270
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 10.8 7.9 11.9





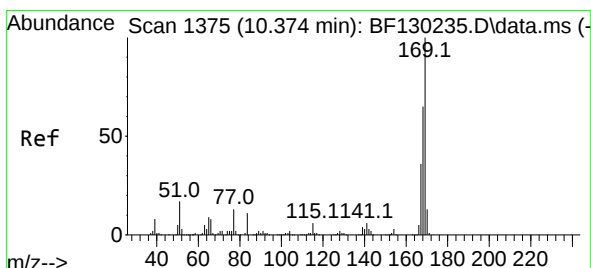
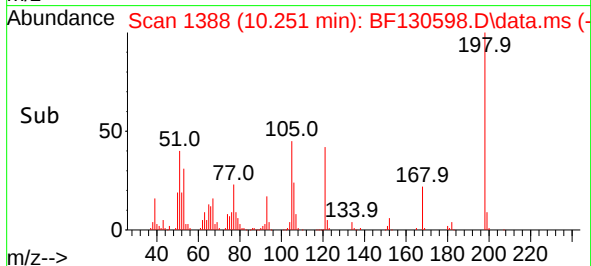
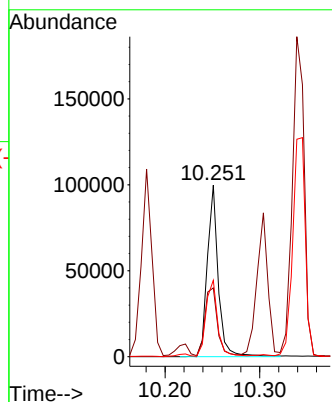
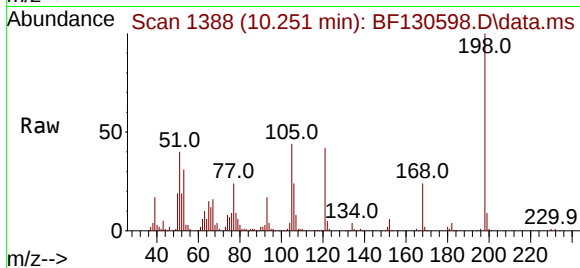
#65
4,6-Dinitro-2-methylphenol
Concen: 45.733 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148187BS

Tgt Ion:198 Resp: 7975
Ion Ratio Lower Upper
198 100
51 40.1 36.9 76.9
105 44.5 33.0 73.0

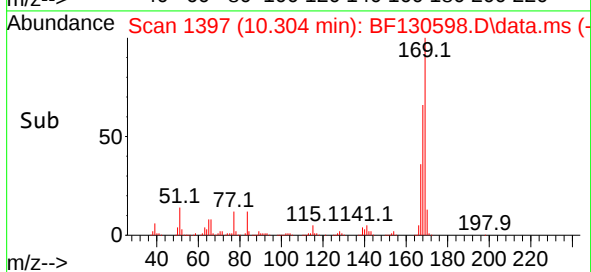
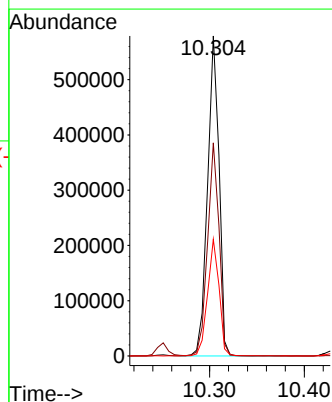
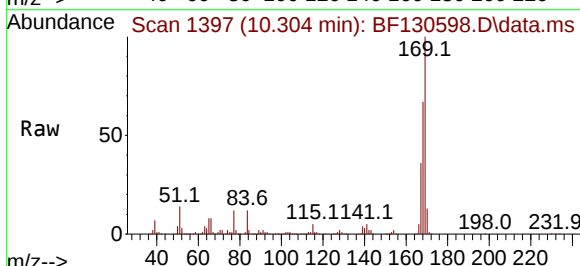
Manual Integrations
APPROVED

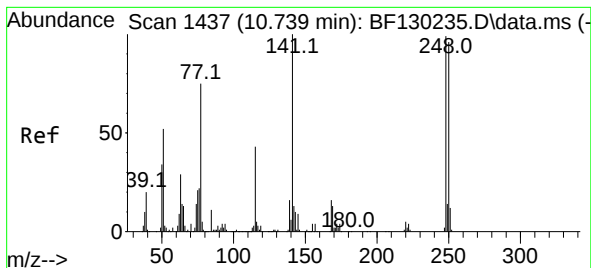
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#66
n-Nitrosodiphenylamine
Concen: 46.417 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

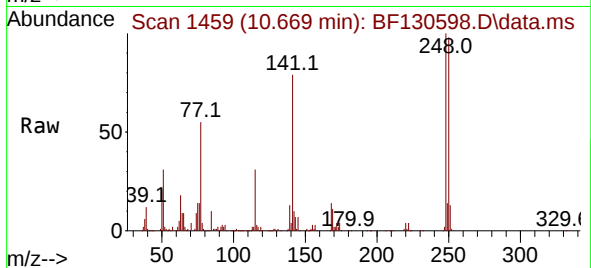
Tgt Ion:169 Resp: 485914
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 49.588 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

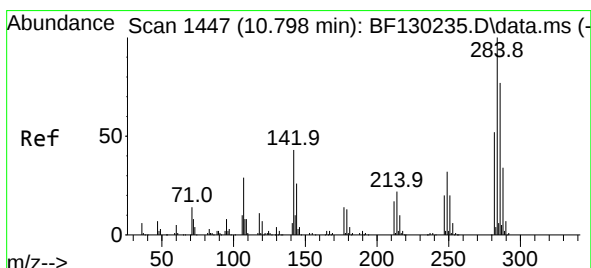
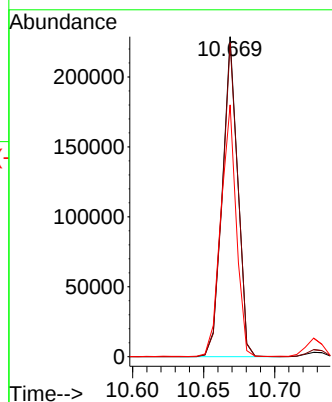
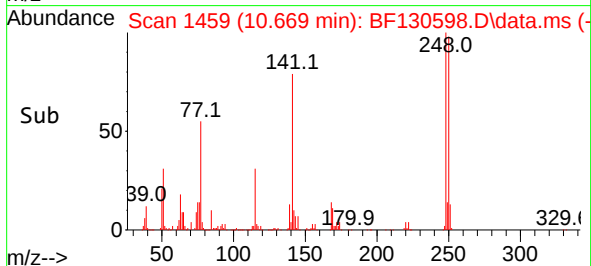
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion:248 Resp: 17137
Ion Ratio Lower Upper
248 100
250 98.2 80.0 120.0
141 78.7 68.5 102.7

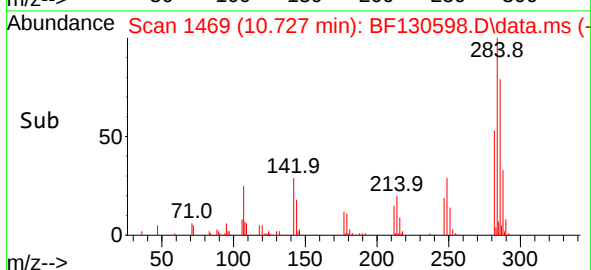
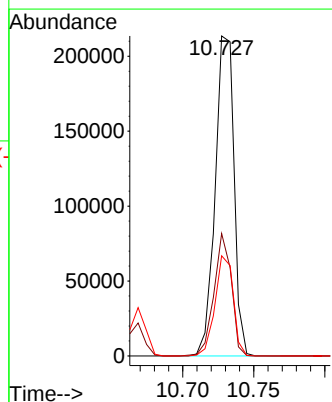
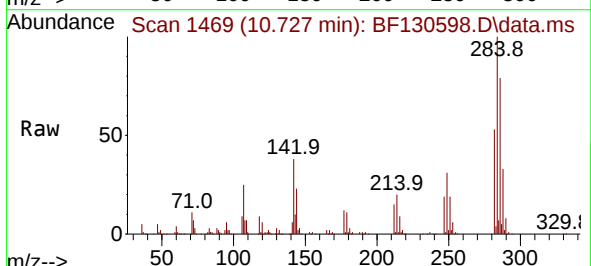
Manual Integrations
APPROVED

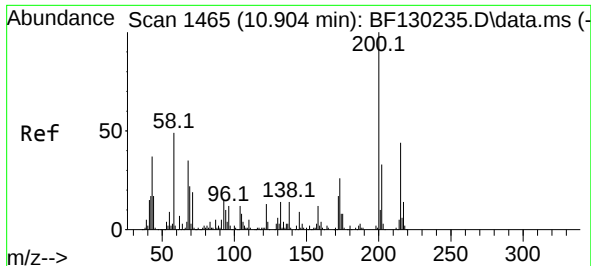
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#68
Hexachlorobenzene
Concen: 50.270 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

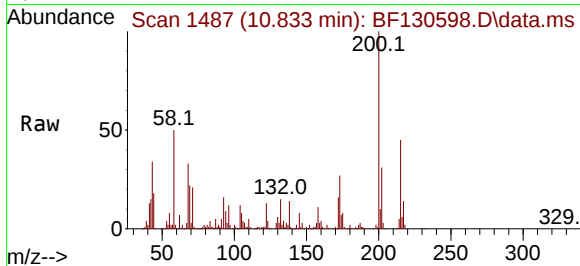
Tgt Ion:284 Resp: 196930
Ion Ratio Lower Upper
284 100
142 38.3 27.2 40.8
249 31.3 23.8 35.8





#69
Atrazine
Concen: 47.607 ng
RT: 10.833 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

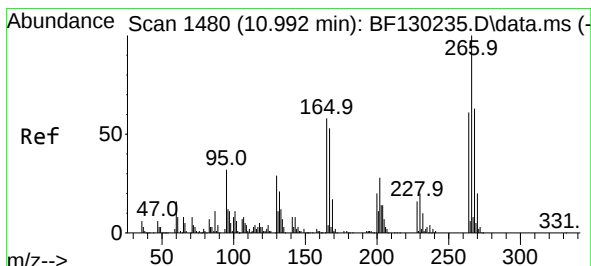
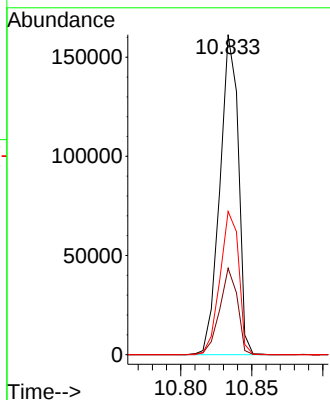
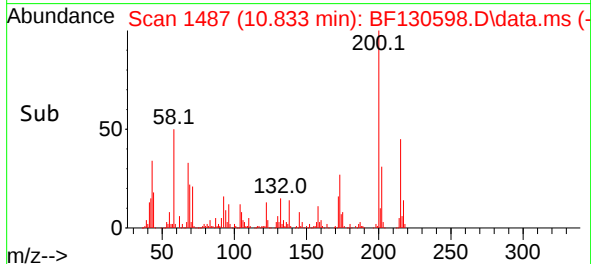
Instrument :
BNA_F
ClientSampleId :
PB148187BS



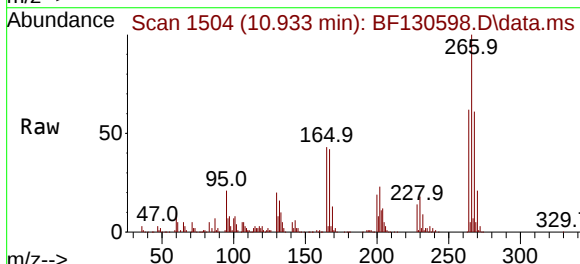
Tgt Ion:200 Resp: 14564
Ion Ratio Lower Upper
200 100
173 27.0 6.2 46.2
215 44.8 22.5 62.5

Manual Integrations
APPROVED

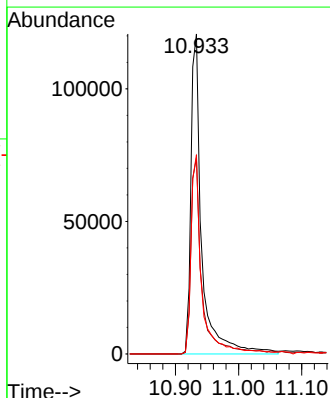
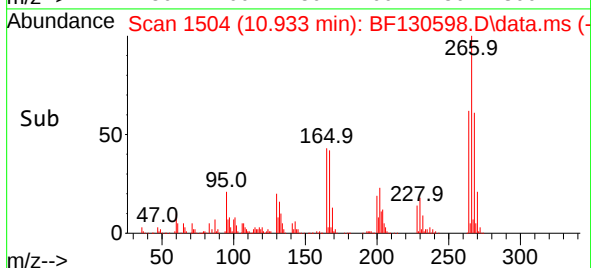
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

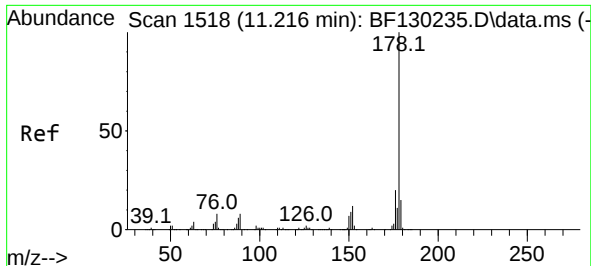


#70
Pentachlorophenol
Concen: 68.737 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



Tgt Ion:266 Resp: 144516
Ion Ratio Lower Upper
266 100
268 61.3 50.5 75.7
264 62.3 50.5 75.7





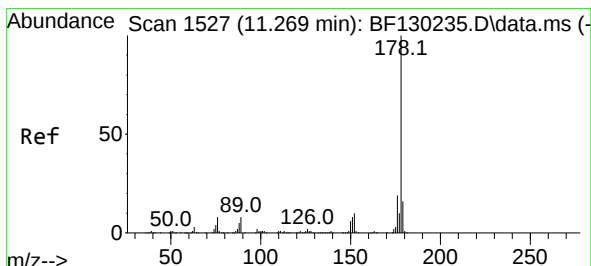
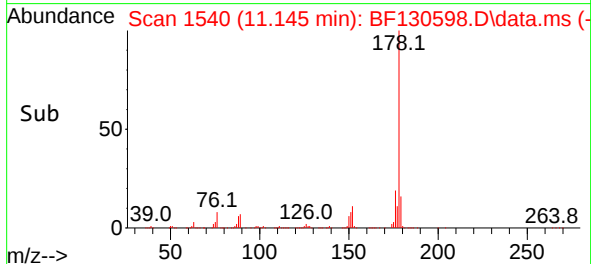
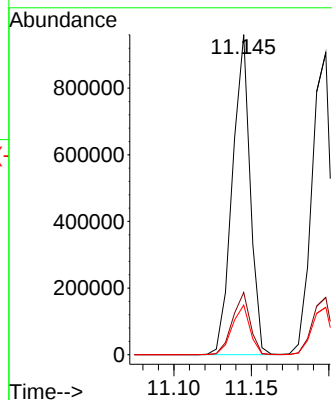
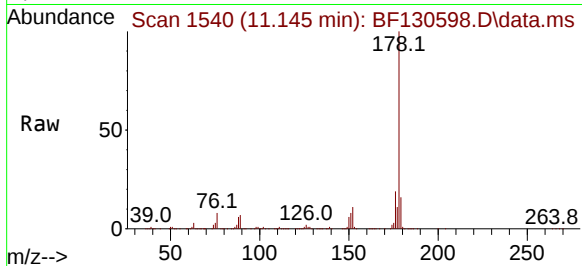
#71
Phenanthrene
Concen: 43.566 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148187BS

Tgt Ion:178 Resp: 76625
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.4 18.6

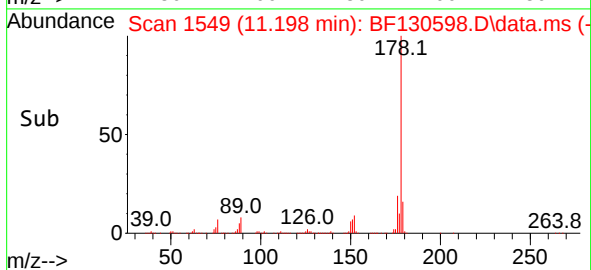
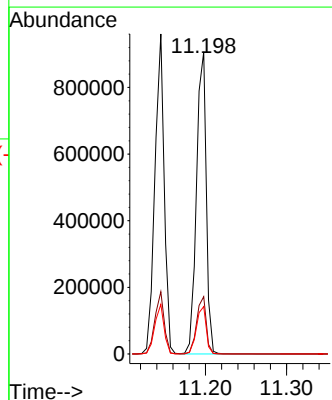
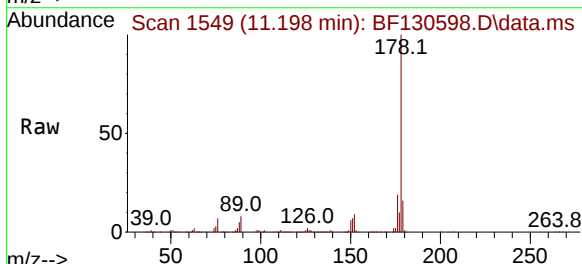
Manual Integrations
APPROVED

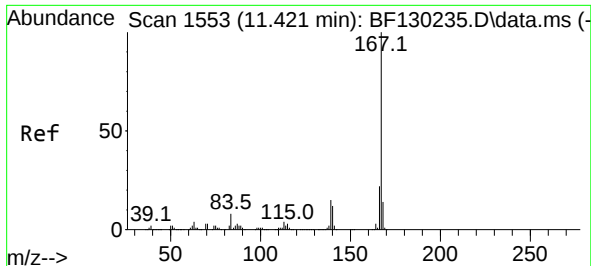
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#72
Anthracene
Concen: 45.084 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

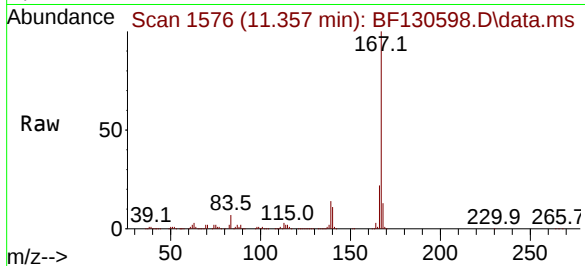
Tgt Ion:178 Resp: 765222
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.7 12.7 19.1





#73
Carbazole
Concen: 41.295 ng
RT: 11.357 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

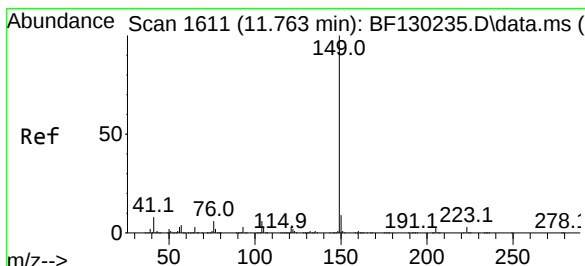
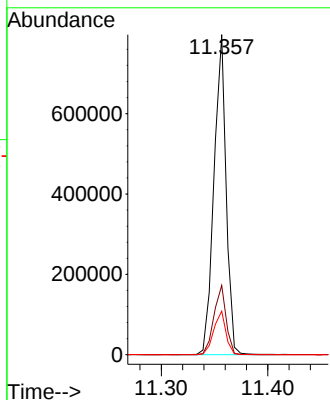
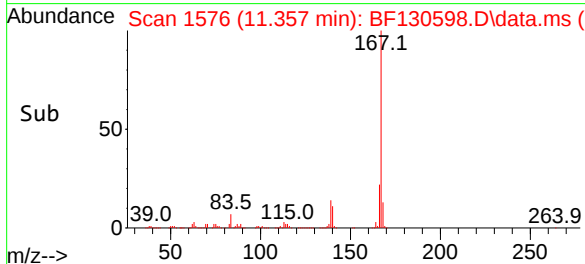
Instrument :
BNA_F
ClientSampleId :
PB148187BS



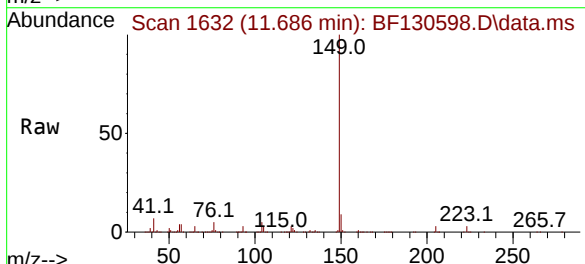
Tgt Ion:167 Resp: 632548
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.2
139 13.6 11.6 17.4

Manual Integrations
APPROVED

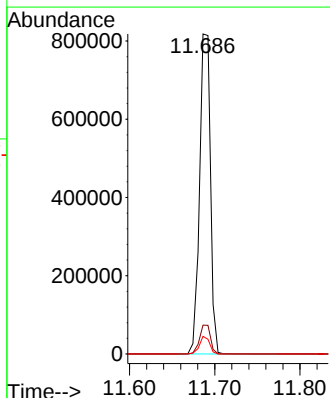
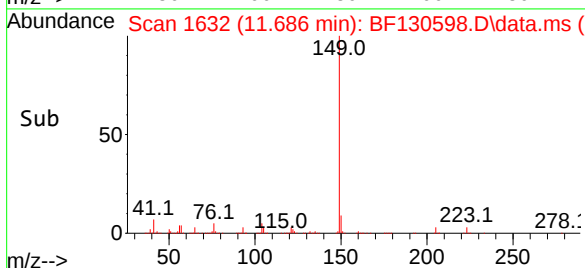
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

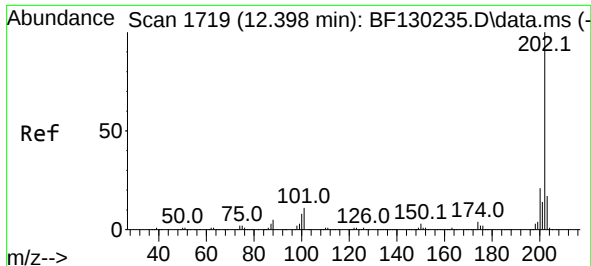


#74
Di-n-butylphthalate
Concen: 39.262 ng
RT: 11.686 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



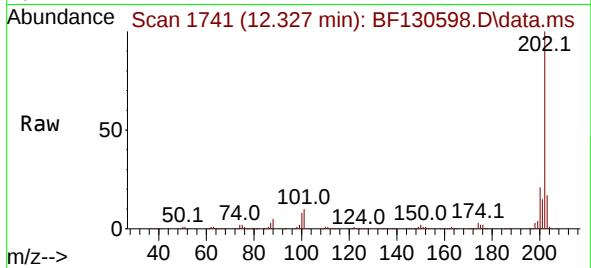
Tgt Ion:149 Resp: 725232
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 38.355 ng
RT: 12.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

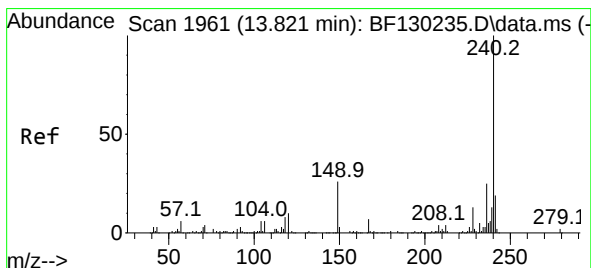
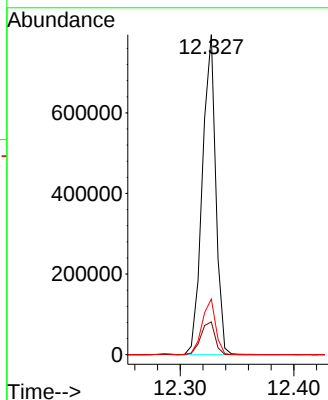
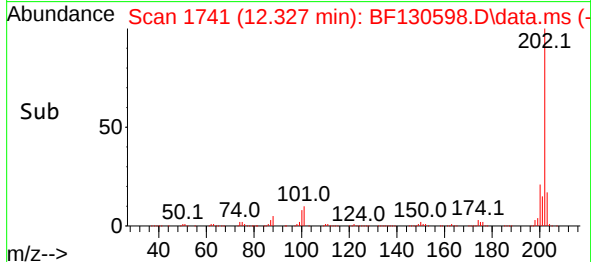
Instrument :
BNA_F
ClientSampleId :
PB148187BS



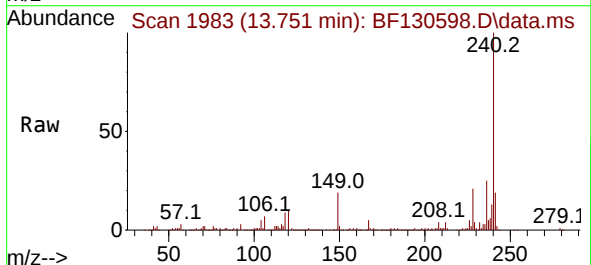
Tgt Ion:202 Resp: 651864
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations
APPROVED

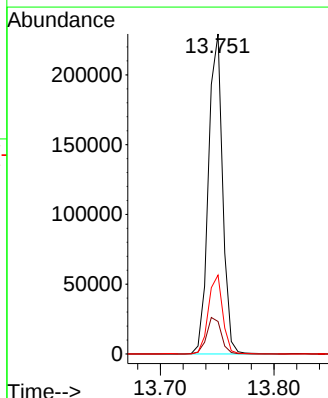
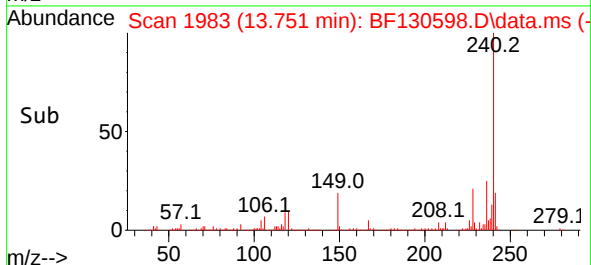
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

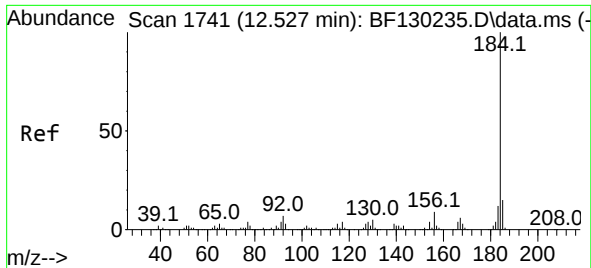


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



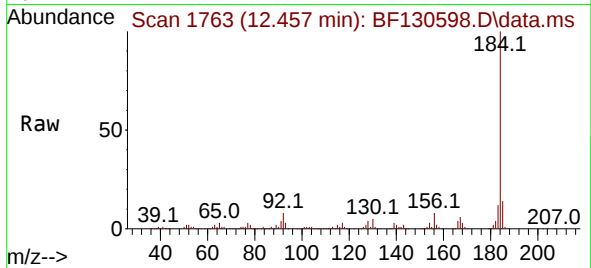
Tgt Ion:240 Resp: 198238
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 24.7 20.9 31.3





#77
Benzidine
Concen: 40.764 ng
RT: 12.457 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

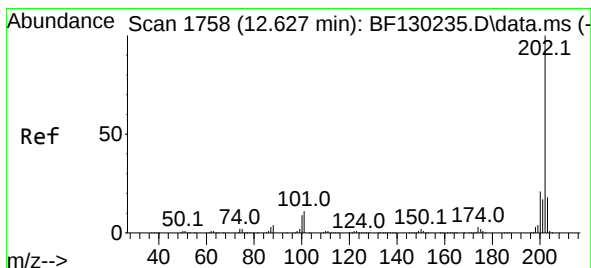
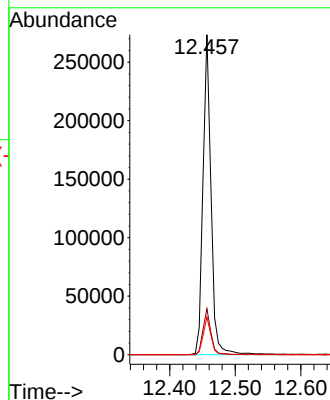
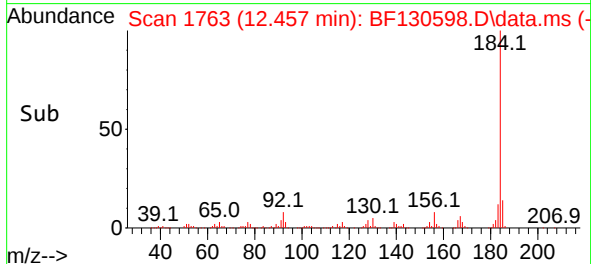
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion:184 Resp: 23458
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.7 9.1 13.7

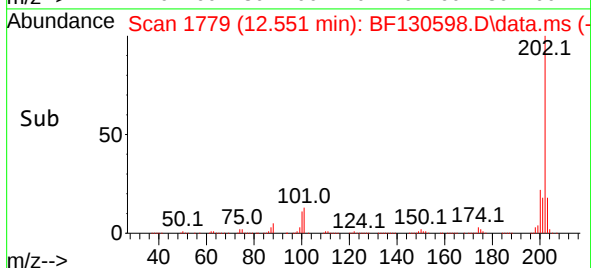
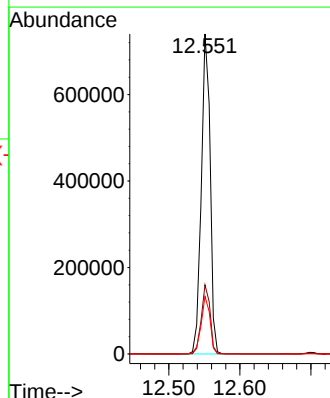
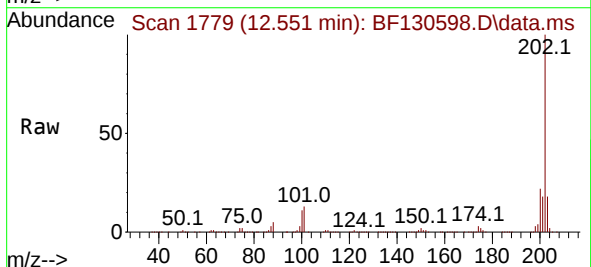
Manual Integrations
APPROVED

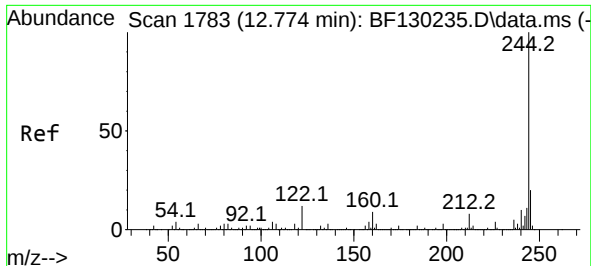
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#78
Pyrene
Concen: 37.173 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

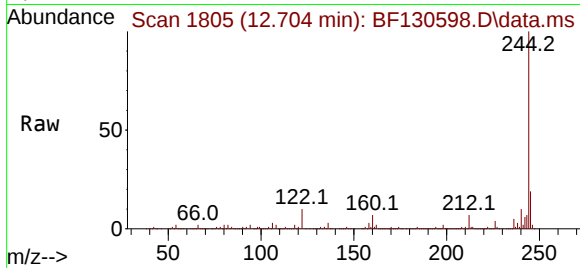
Tgt Ion:202 Resp: 644657
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 18.0 14.3 21.5





#79
Terphenyl-d14
Concen: 74.569 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

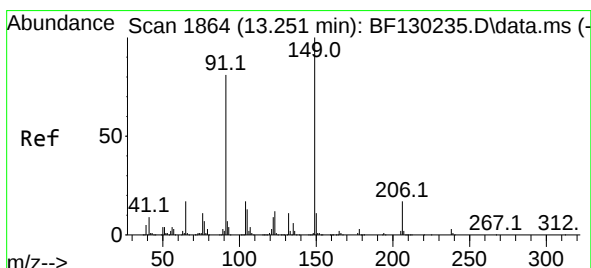
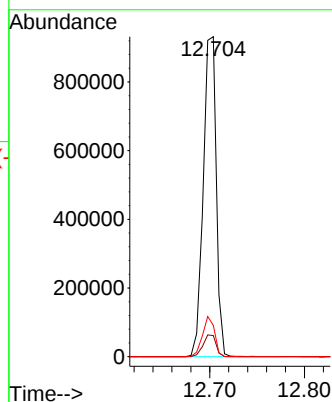
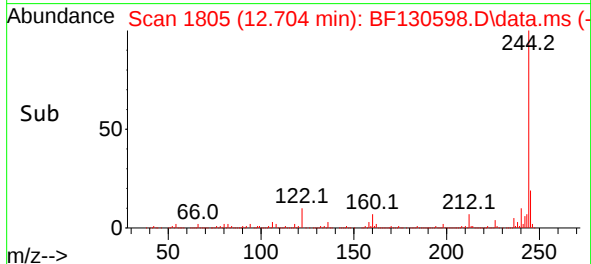
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion:244 Resp: 89239
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.8 8.5 12.7

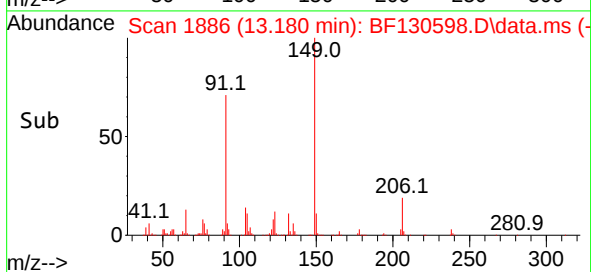
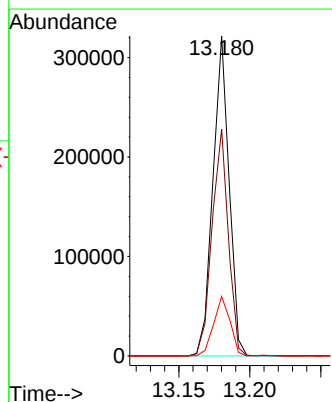
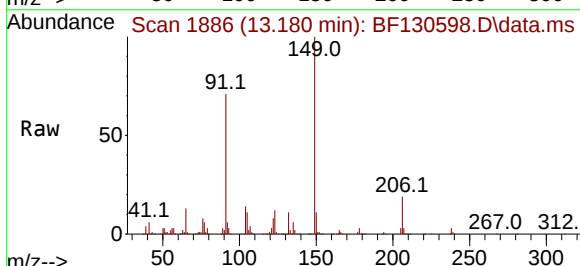
Manual Integrations
APPROVED

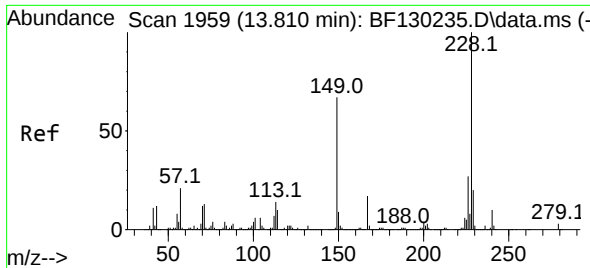
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#80
Butylbenzylphthalate
Concen: 39.563 ng
RT: 13.180 min Scan# 1886
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

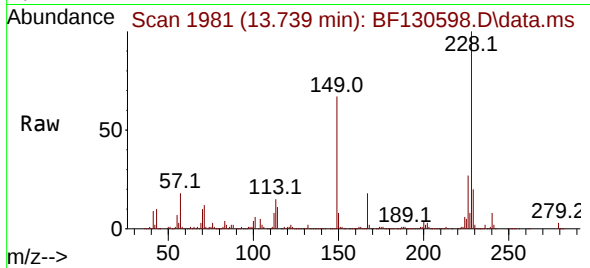
Tgt Ion:149 Resp: 254174
Ion Ratio Lower Upper
149 100
91 70.9 59.8 89.8
206 18.6 13.9 20.9





#81
Benzo(a)anthracene
Concen: 44.258 ng
RT: 13.739 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

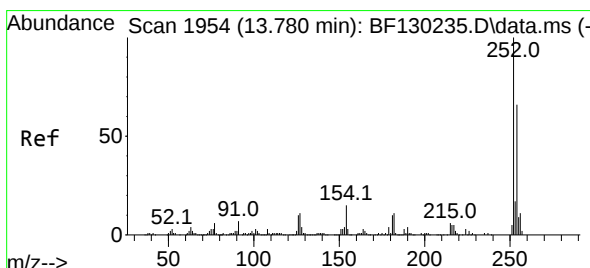
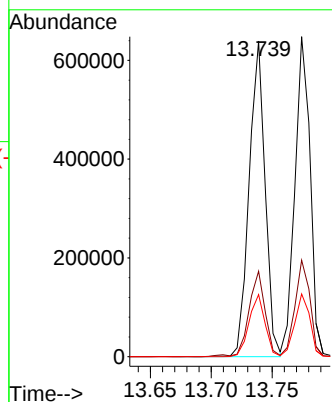
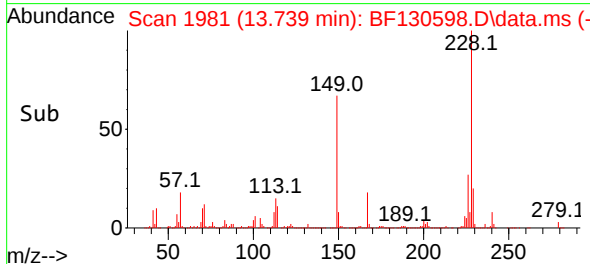
Instrument :
BNA_F
ClientSampleId :
PB148187BS



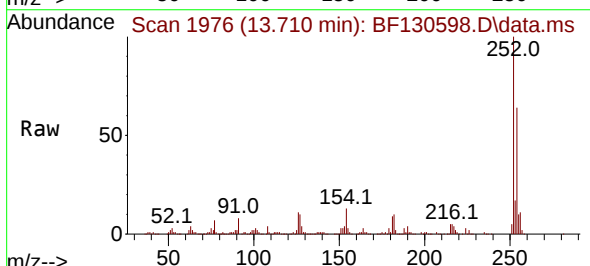
Tgt Ion:228 Resp: 58366
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 19.6 16.1 24.1

Manual Integrations
APPROVED

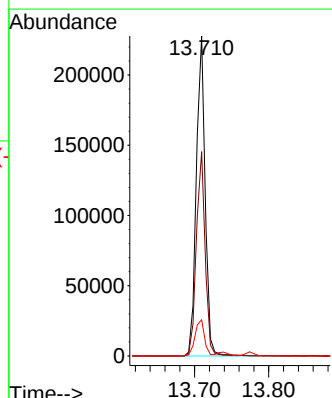
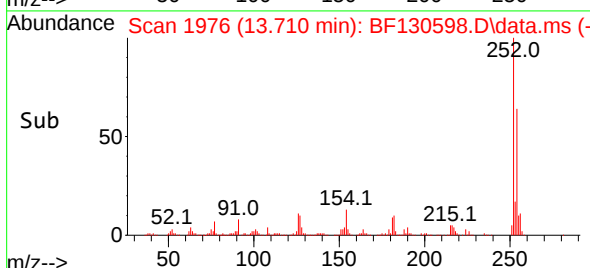
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

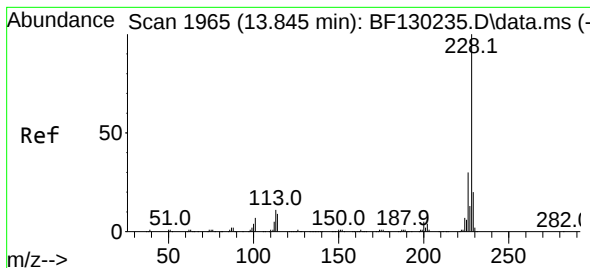


#82
3,3'-Dichlorobenzidine
Concen: 52.622 ng
RT: 13.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15



Tgt Ion:252 Resp: 188904
Ion Ratio Lower Upper
252 100
254 63.8 51.1 76.7
126 11.3 10.4 15.6





#83

Chrysene

Concen: 44.757 ng

RT: 13.774 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

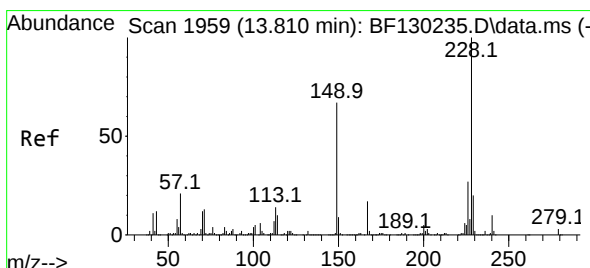
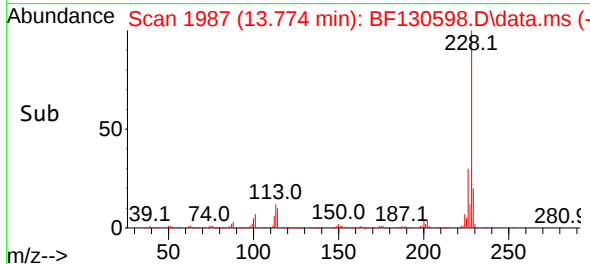
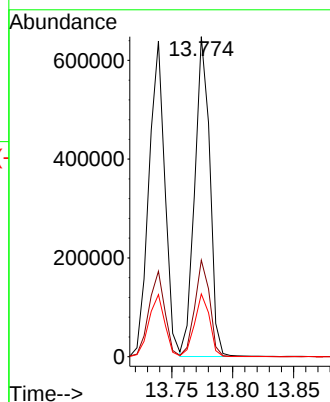
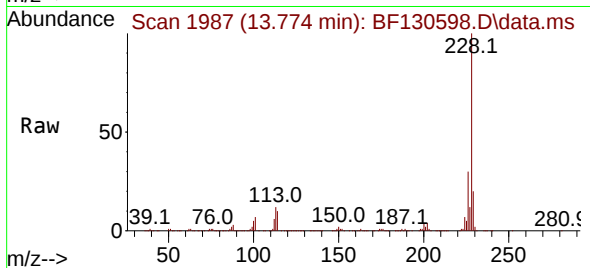
Tgt Ion:228 Resp: 560444

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.6	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.919 ng

RT: 13.739 min Scan# 1981

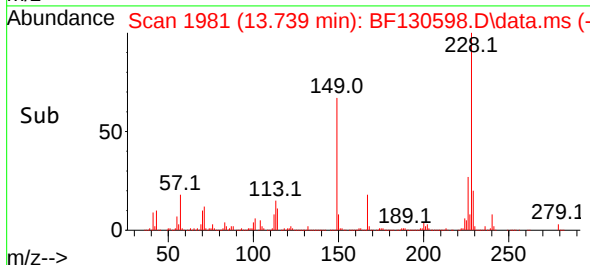
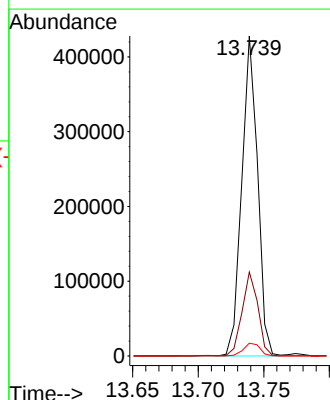
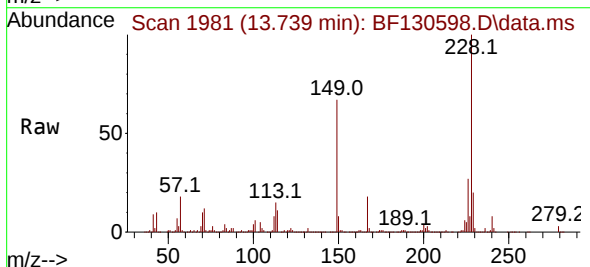
Delta R.T. -0.000 min

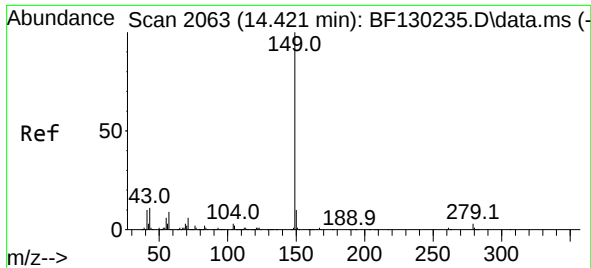
Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Tgt Ion:149 Resp: 359986

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.5	30.7
279	4.0	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 58.450 ng
RT: 14.351 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

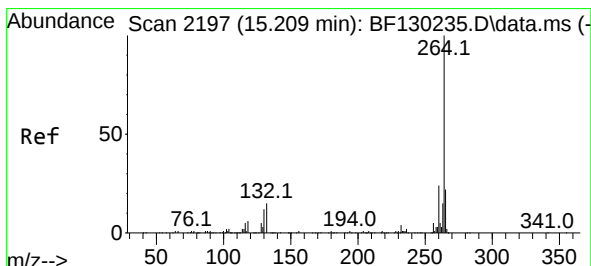
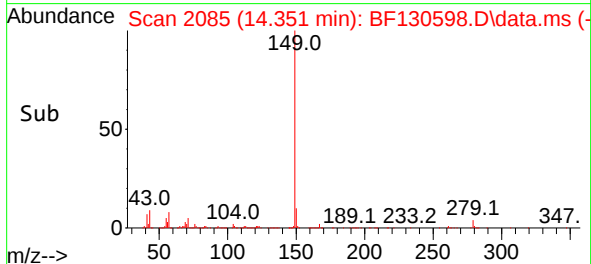
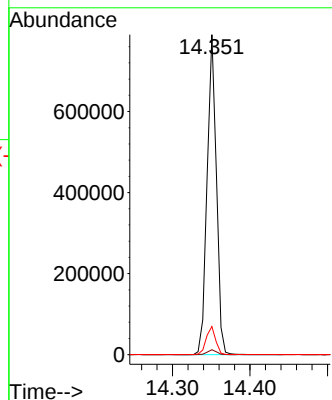
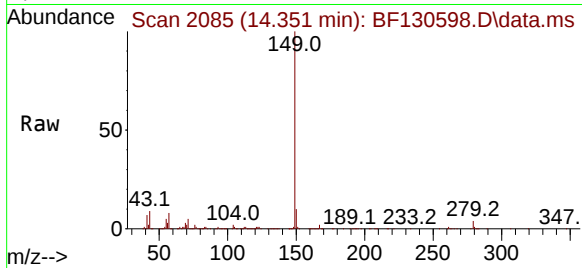
PB148187BS

Tgt Ion:149 Resp: 657878
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.9 8.7 13.1

Manual Integrations

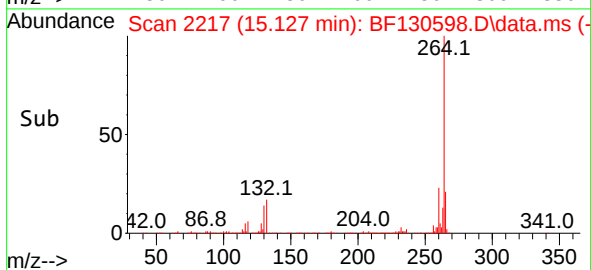
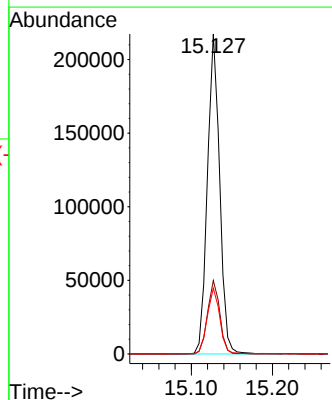
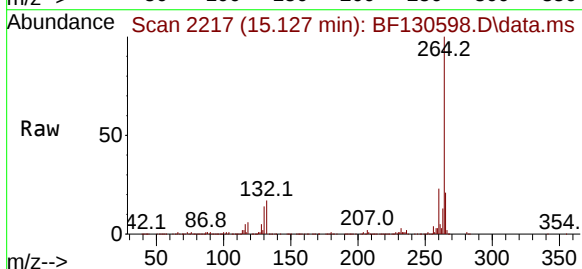
APPROVED

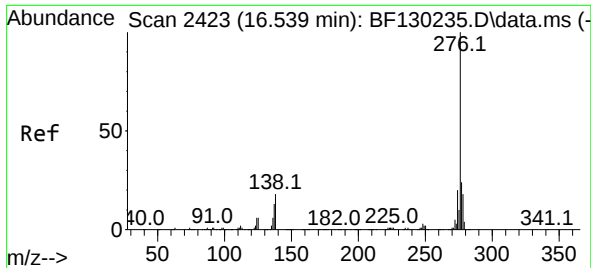
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

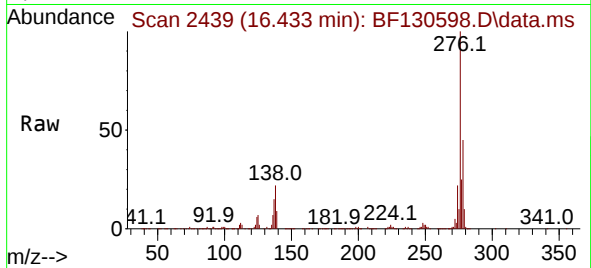
Tgt Ion:264 Resp: 226594
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 20.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.784 ng
RT: 16.433 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

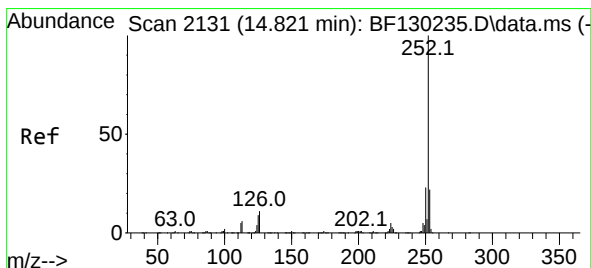
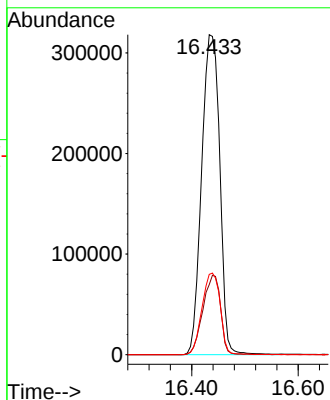
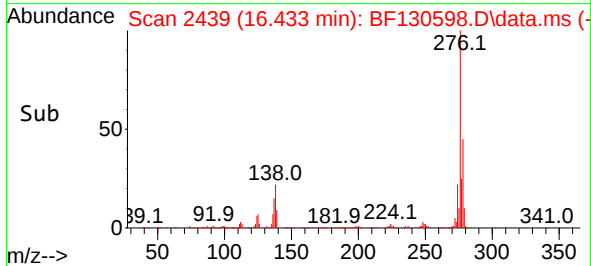
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion:276 Resp: 751760
Ion Ratio Lower Upper
276 100
138 24.3 18.5 27.7
277 25.6 20.2 30.4

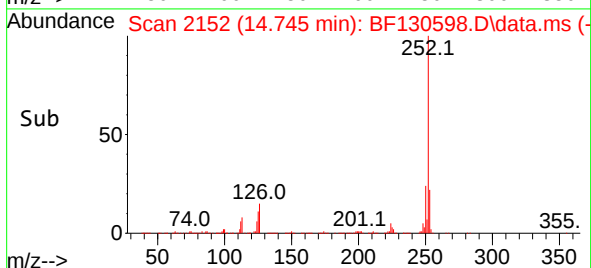
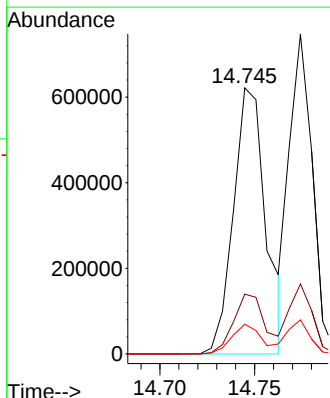
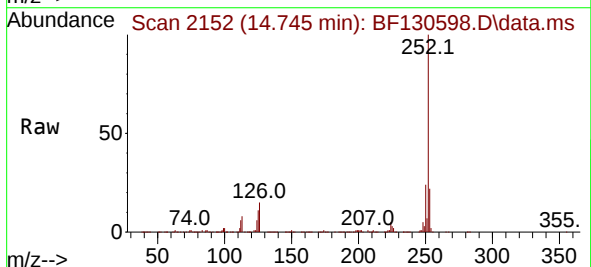
Manual Integrations
APPROVED

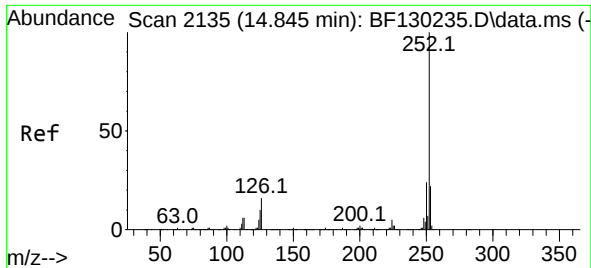
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#88
Benzo(b)fluoranthene
Concen: 49.928 ng
RT: 14.745 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

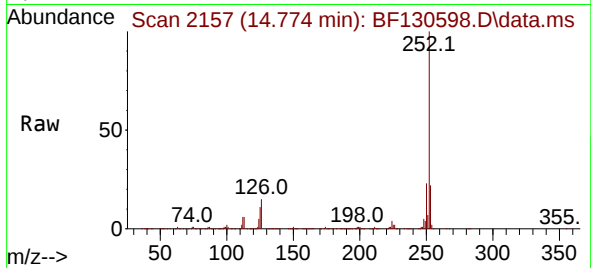
Tgt Ion:252 Resp: 738416
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.2 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 43.917 ng
RT: 14.774 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

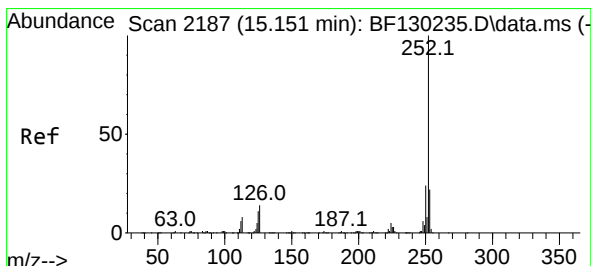
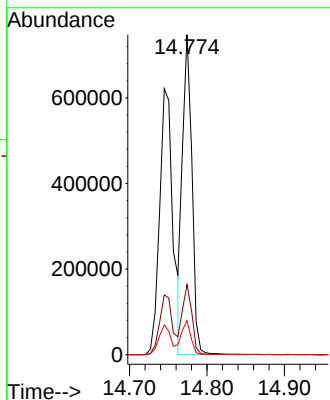
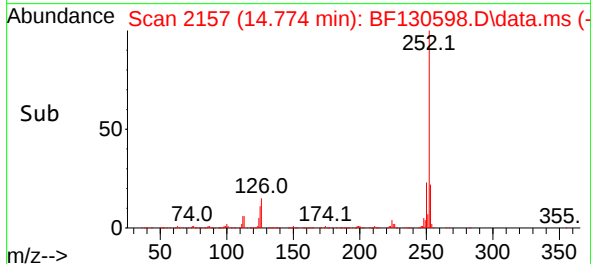
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion:252 Resp: 638924
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.6 7.9 11.9

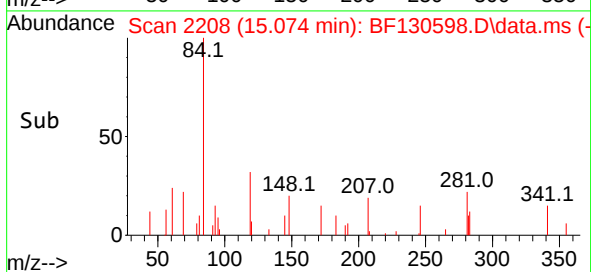
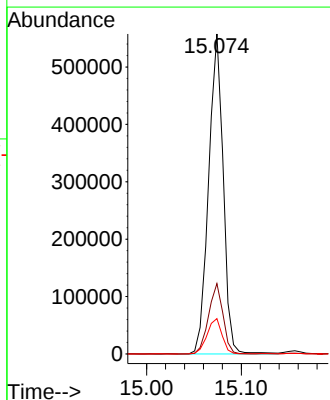
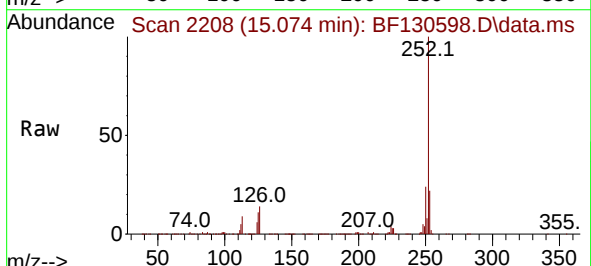
Manual Integrations
APPROVED

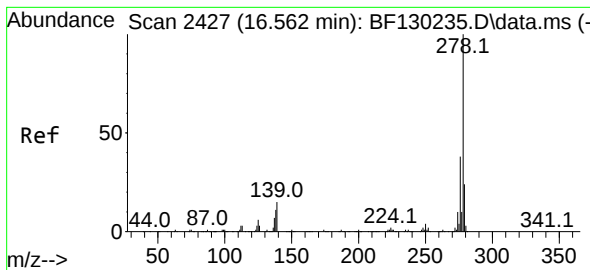
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#90
Benzo(a)pyrene
Concen: 50.886 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

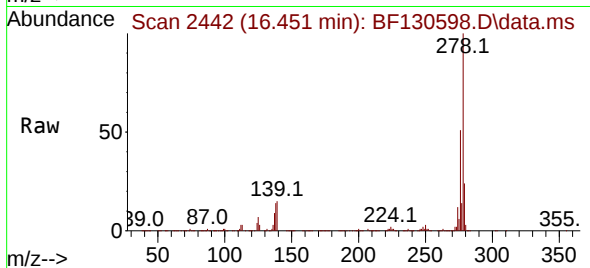
Tgt Ion:252 Resp: 596225
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.1 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 50.314 ng
RT: 16.451 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

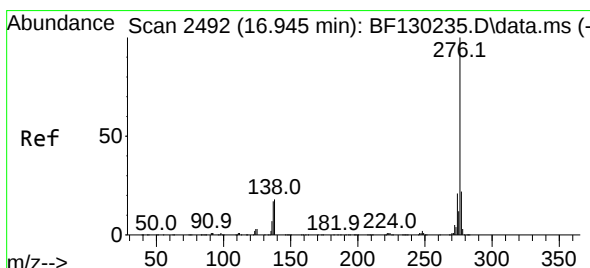
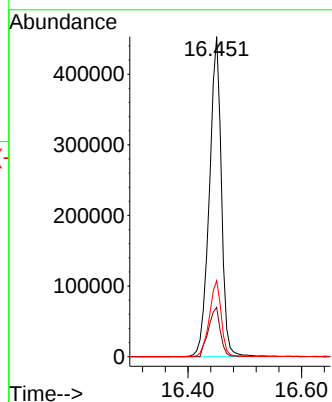
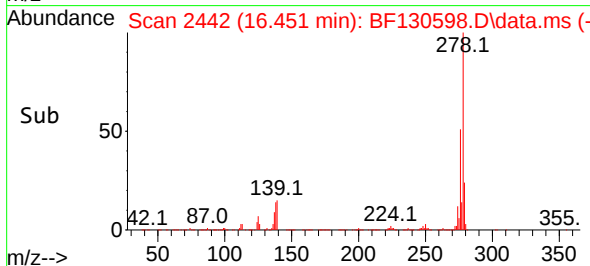
Instrument :
BNA_F
ClientSampleId :
PB148187BS



Tgt Ion:278 Resp: 663244
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.8
279 23.7 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#92
Benzo(g,h,i)perylene
Concen: 51.704 ng
RT: 16.833 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:276 Resp: 686572
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 19.7 14.6 21.8

