

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133152.D
 Acq On : 01 May 2023 13:18
 Operator : CG\JU
 Sample : 02521-09MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Quant Time: May 02 05:17:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	203700	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	837623	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	424855	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	739323	20.000	ng	0.00
76) Chrysene-d12	13.886	240	372991	20.000	ng	0.00
86) Perylene-d12	15.304	264	387375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	698632	51.810	ng	0.00
7) Phenol-d6	6.369	99	554458	33.127	ng	0.00
23) Nitrobenzene-d5	7.298	82	1088894	70.169	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	462540	108.254	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1880899	74.066	ng	0.00
79) Terphenyl-d14	12.839	244	2027079	93.730	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.428	88	101222	16.183	ng	99
3) Pyridine	3.128	79	243753	14.673	ng	97
4) n-Nitrosodimethylamine	3.069	42	142997	16.619	ng	96
6) Aniline	6.392	93	523622	24.290	ng	100
8) 2-Chlorophenol	6.516	128	446149	32.586	ng	95
9) Benzaldehyde	6.275	77	312198	40.673	ng	99
10) Phenol	6.381	94	243471	13.186	ng	82
11) bis(2-Chloroethyl)ether	6.463	93	507815	36.650	ng	99
12) 1,3-Dichlorobenzene	6.669	146	468330	32.174	ng	99
13) 1,4-Dichlorobenzene	6.751	146	487375	33.408	ng	97
14) 1,2-Dichlorobenzene	6.898	146	464600	34.543	ng	97
15) Benzyl Alcohol	6.875	79	316556	27.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	831230	34.540	ng	97
17) 2-Methylphenol	6.992	107	322456	25.721	ng	99
18) Hexachloroethane	7.245	117	162549	32.048	ng	97
19) n-Nitroso-di-n-propyla...	7.151	70	384440	36.895	ng	98
20) 3+4-Methylphenols	7.145	107	343957	23.297	ng	# 78
22) Acetophenone	7.140	105	746576	38.477	ng	# 95
24) Nitrobenzene	7.316	77	554438	35.258	ng	97
25) Isophorone	7.557	82	1072898	36.414	ng	99
26) 2-Nitrophenol	7.634	139	292874	38.614	ng	94
27) 2,4-Dimethylphenol	7.675	122	451663	34.729	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	647698	37.159	ng	99
29) 2,4-Dichlorophenol	7.875	162	428878	36.224	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	435251	35.485	ng	99
31) Naphthalene	8.039	128	1466521	35.018	ng	100
32) Benzoic acid	7.763	122	95719	11.915	ng	98
33) 4-Chloroaniline	8.086	127	342788	20.259	ng	98
34) Hexachlorobutadiene	8.157	225	222960	32.797	ng	98
35) Caprolactam	8.451	113	38488m	9.677	ng	
36) 4-Chloro-3-methylphenol	8.569	107	449579	35.213	ng	99
37) 2-Methylnaphthalene	8.728	142	1010221	35.284	ng	98
38) 1-Methylnaphthalene	8.828	142	969876	36.211	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	417077	36.512	ng	98
41) Hexachlorocyclopentadiene	8.886	237	461079	69.210	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	309689	39.202	ng	99

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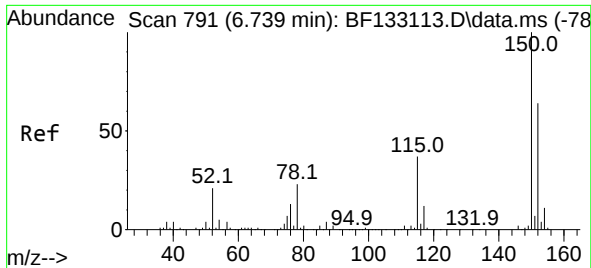
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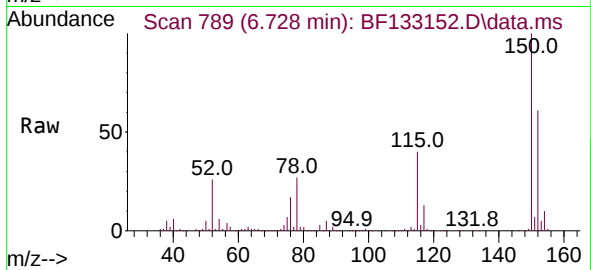
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44) 2,4,5-Trichlorophenol	9.045	196	332974	36.445	ng	97
46) 1,1'-Biphenyl	9.192	154	1284949	38.141	ng	100
47) 2-Chloronaphthalene	9.216	162	969683	39.325	ng	98
48) 2-Nitroaniline	9.316	65	327124	40.141	ng	94
49) Acenaphthylene	9.633	152	1500595	38.086	ng	99
50) Dimethylphthalate	9.498	163	1173976	39.629	ng	100
51) 2,6-Dinitrotoluene	9.557	165	272598	40.884	ng	96
52) Acenaphthene	9.804	154	1112292m	42.151	ng	
53) 3-Nitroaniline	9.722	138	185409	23.387	ng	98
54) 2,4-Dinitrophenol	9.833	184	259952	77.563	ng	90
55) Dibenzofuran	9.975	168	1385359	38.486	ng	98
56) 4-Nitrophenol	9.886	139	166980	27.194	ng	87
57) 2,4-Dinitrotoluene	9.957	165	357671	42.063	ng	# 99
58) Fluorene	10.322	166	1018120	38.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	278210	39.278	ng	99
60) Diethylphthalate	10.198	149	1124204	40.176	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	489009	38.050	ng	95
62) 4-Nitroaniline	10.339	138	285180	39.138	ng	98
63) Azobenzene	10.475	77	1274605	42.999	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	190757	42.568	ng	89
66) n-Nitrosodiphenylamine	10.433	169	942359	39.295	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	315783	39.382	ng	93
68) Hexachlorobenzene	10.869	284	337115	41.030	ng	100
69) Atrazine	10.963	200	301473	43.627	ng	96
70) Pentachlorophenol	11.063	266	370011	63.232	ng	96
71) Phenanthrene	11.280	178	1563790	39.354	ng	100
72) Anthracene	11.327	178	1605387	39.478	ng	99
73) Carbazole	11.486	167	1426208	39.387	ng	99
74) Di-n-butylphthalate	11.822	149	1731043	42.244	ng	100
75) Fluoranthene	12.463	202	1512872	37.936	ng	99
77) Benzidine	12.586	184	330122	52.338	ng	# 94
78) Pyrene	12.692	202	1528170	47.794	ng	99
80) Butylbenzylphthalate	13.316	149	611682	54.030	ng	95
81) Benzo(a)anthracene	13.874	228	1027367	40.054	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	197957	27.938	ng	99
83) Chrysene	13.916	228	1010845	39.420	ng	98
84) Bis(2-ethylhexyl)phtha...	13.880	149	716852	50.447	ng	99
85) Di-n-octyl phthalate	14.492	149	1161593	50.133	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1132520	51.397	ng	100
88) Benzo(b)fluoranthene	14.904	252	953584	38.694	ng	98
89) Benzo(k)fluoranthene	14.933	252	941838	38.553	ng	99
90) Benzo(a)pyrene	15.251	252	859791	38.330	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	956227	52.031	ng	99
92) Benzo(g,h,i)perylene	17.109	276	932892	51.417	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF133152.D
 Acq: 01 May 2023 13:18

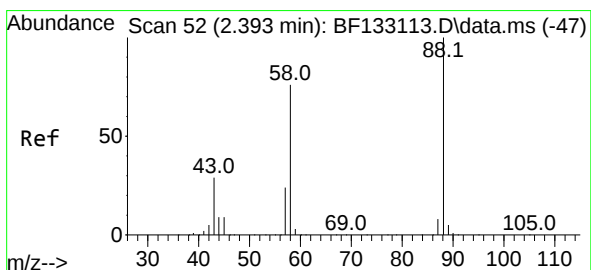
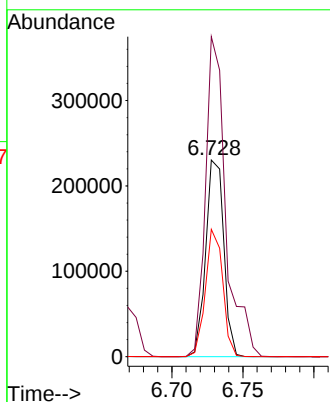
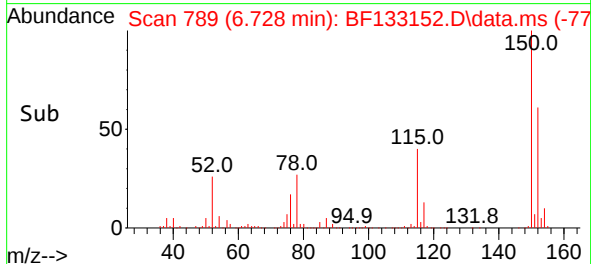
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS



Tgt Ion:152 Resp: 203700
 Ion Ratio Lower Upper
 152 100
 150 162.8 124.8 187.2
 115 64.8 49.9 74.9

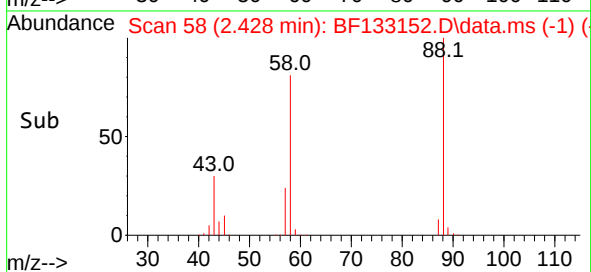
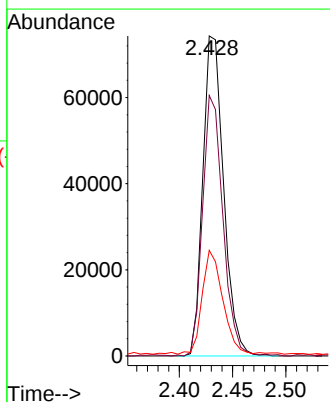
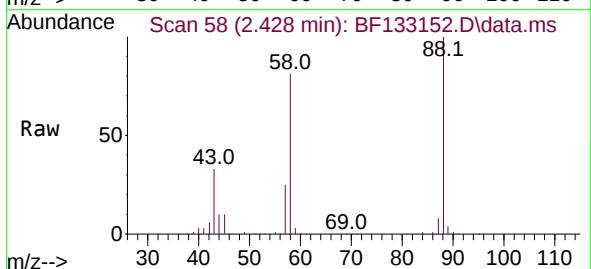
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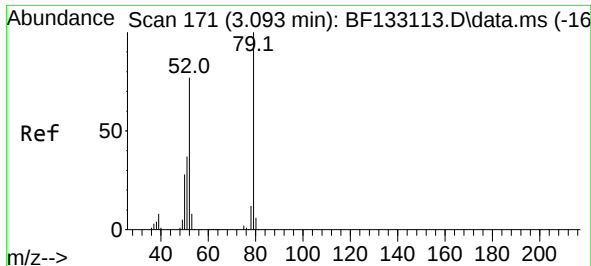
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#2
 1,4-Dioxane
 Concen: 16.183 ng
 RT: 2.428 min Scan# 58
 Delta R.T. 0.041 min
 Lab File: BF133152.D
 Acq: 01 May 2023 13:18

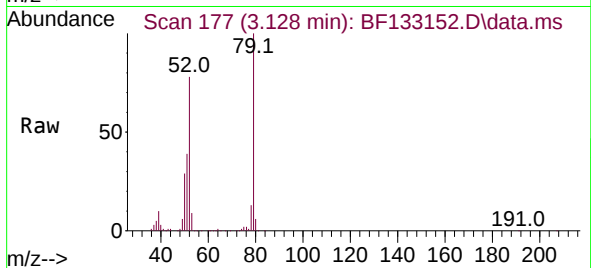
Tgt Ion: 88 Resp: 101222
 Ion Ratio Lower Upper
 88 100
 58 79.8 64.7 97.1
 43 32.6 26.2 39.2





#3
Pyridine
Concen: 14.673 ng
RT: 3.128 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

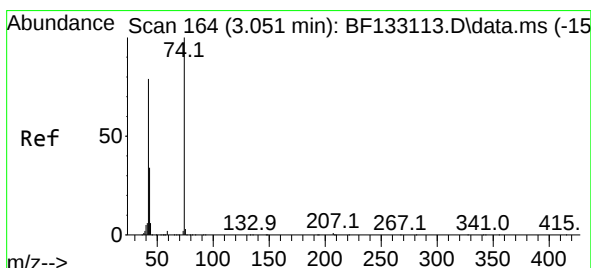
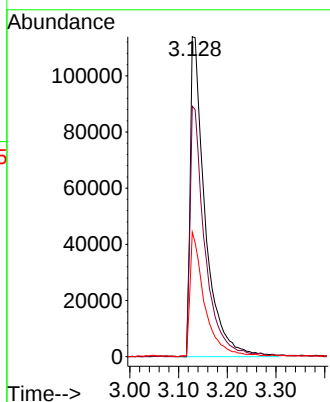
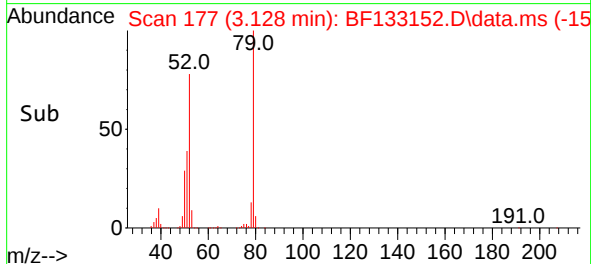
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



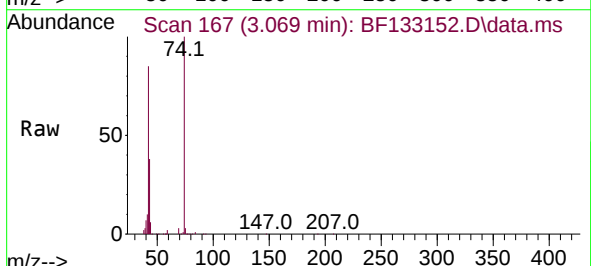
Tgt Ion: 79 Resp: 24375
Ion Ratio Lower Upper
79 100
52 78.3 64.6 96.8
51 38.9 30.0 45.0

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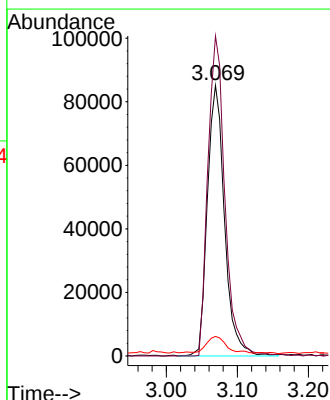
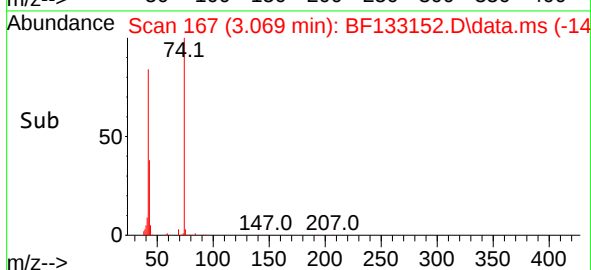
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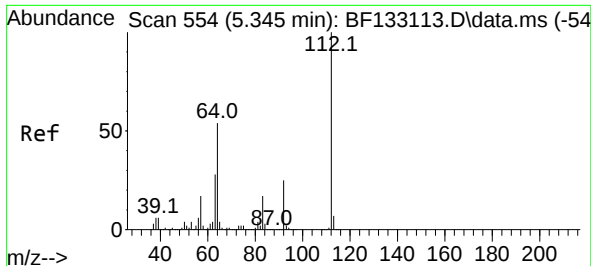


#4
n-Nitrosodimethylamine
Concen: 16.619 ng
RT: 3.069 min Scan# 167
Delta R.T. 0.024 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



Tgt Ion: 42 Resp: 142997
Ion Ratio Lower Upper
42 100
74 118.3 98.0 147.0
44 7.2 5.8 8.8





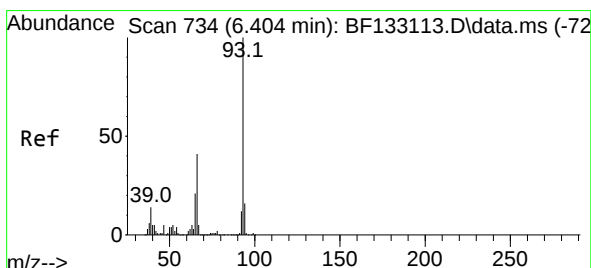
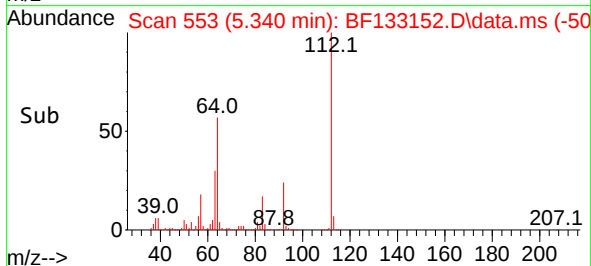
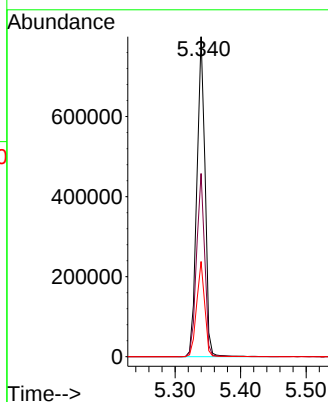
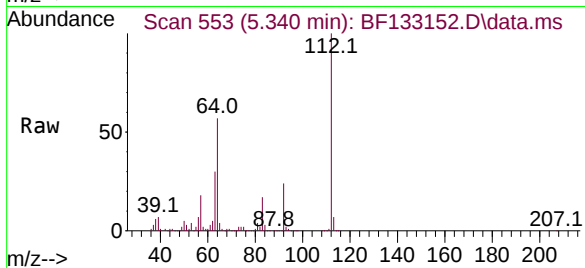
#5
2-Fluorophenol
Concen: 51.810 ng
RT: 5.340 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tgt Ion:112 Resp: 69863
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 29.7 23.8 35.8

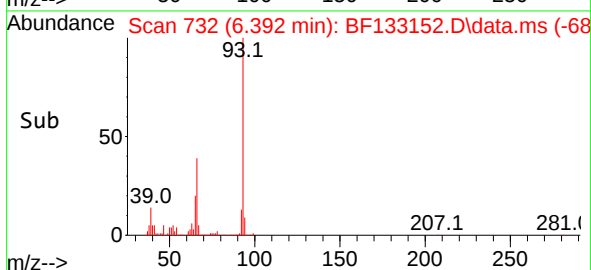
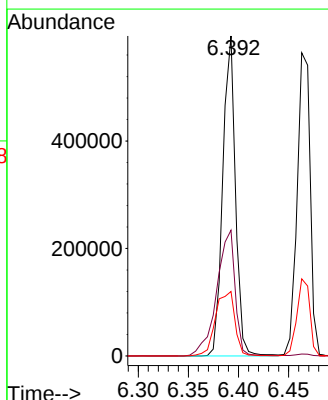
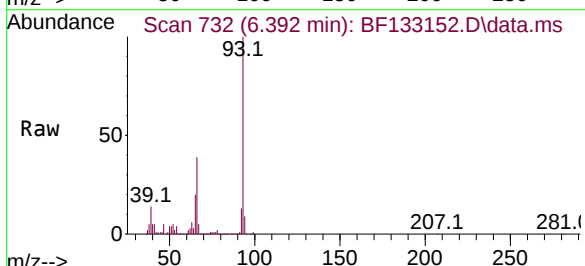
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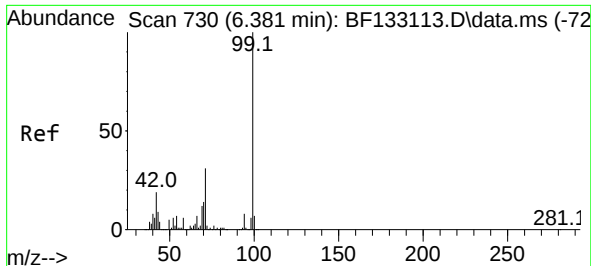
Reviewed By :Christian Giraldo 05/02/2023
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#6
Aniline
Concen: 24.290 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

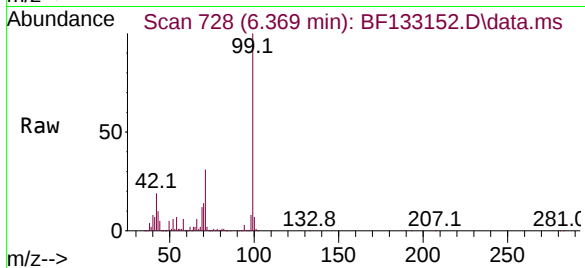
Tgt Ion: 93 Resp: 523622
Ion Ratio Lower Upper
93 100
66 39.3 31.5 47.3
65 20.2 16.4 24.6





#7
Phenol-d6
Concen: 33.127 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

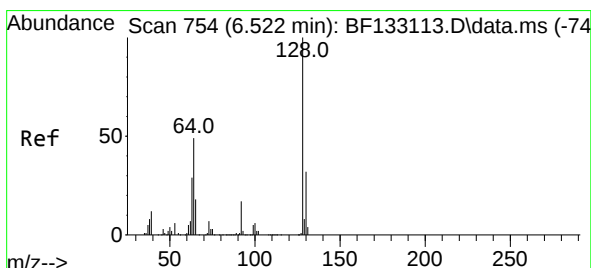
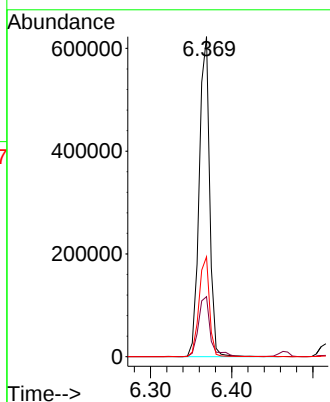
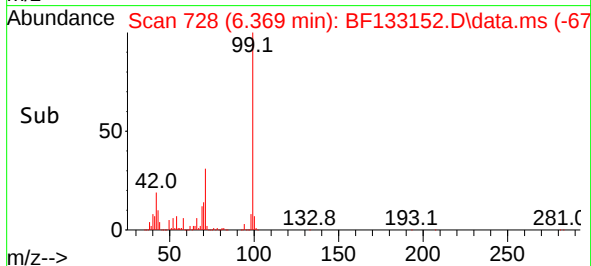
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion: 99 Resp: 554458
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 31.2 25.6 38.4

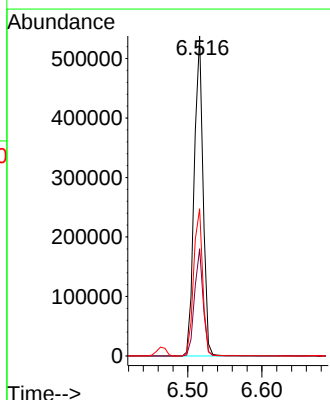
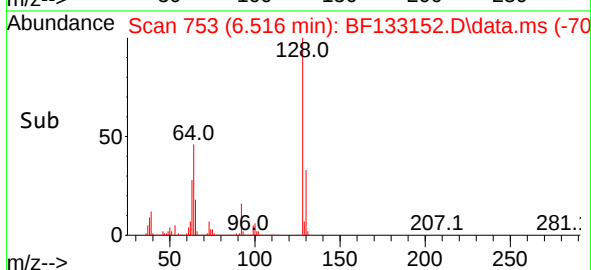
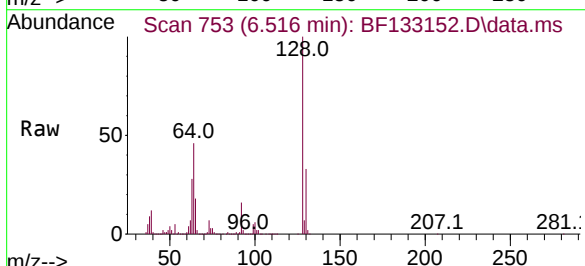
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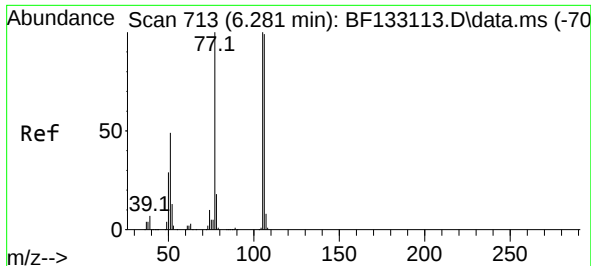
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#8
2-Chlorophenol
Concen: 32.586 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

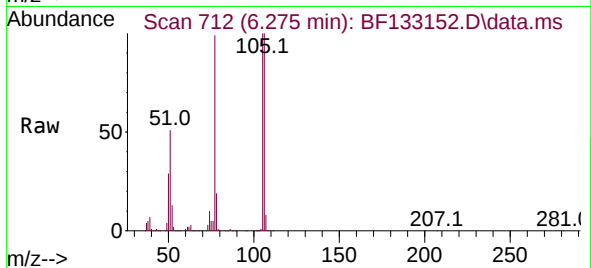
Tgt Ion:128 Resp: 446149
Ion Ratio Lower Upper
128 100
130 33.5 12.2 52.2
64 46.0 30.3 70.3





#9
Benzaldehyde
Concen: 40.673 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

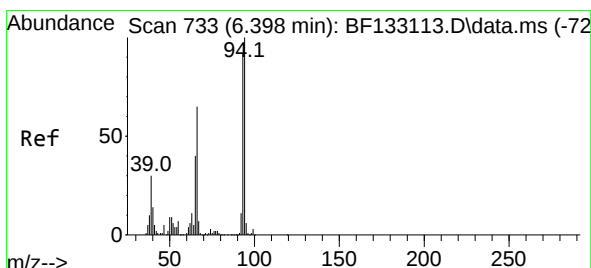
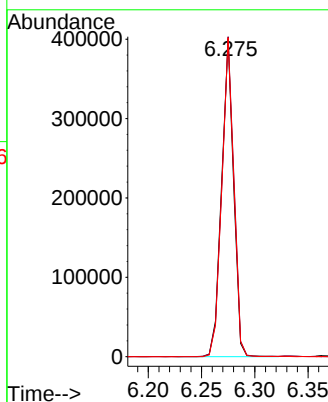
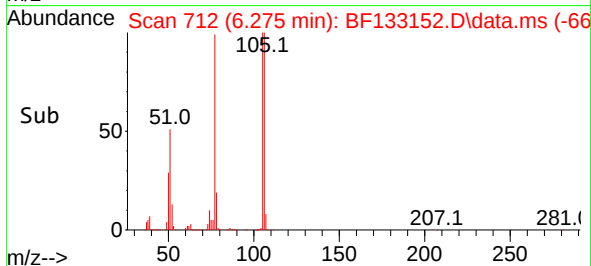
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion: 77 Resp: 312198
Ion Ratio Lower Upper
77 100
105 100.7 82.3 122.3
106 100.4 80.8 120.8

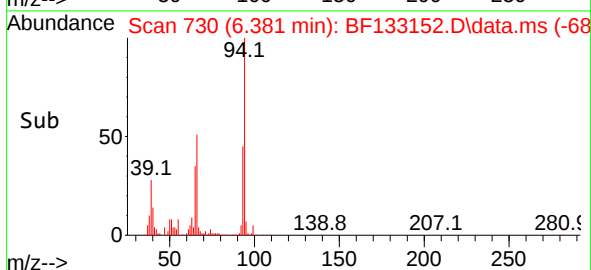
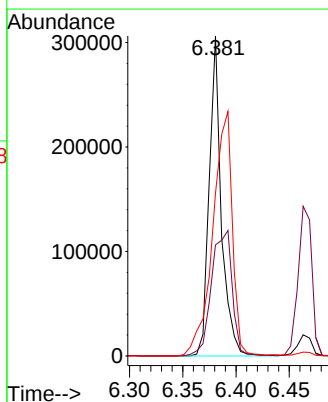
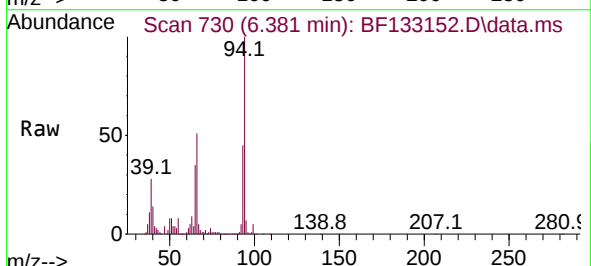
Manual Integrations
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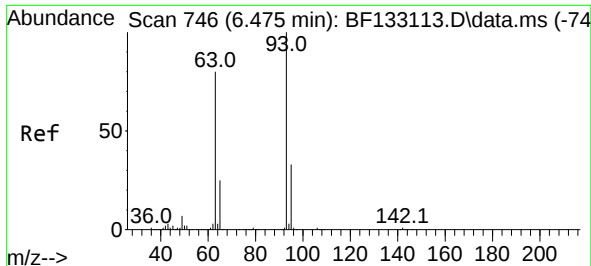
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Phenol
Concen: 13.186 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Tgt Ion: 94 Resp: 243471
Ion Ratio Lower Upper
94 100
65 34.7 8.6 48.6
66 50.8 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 36.650 ng

RT: 6.463 min Scan# 746

Delta R.T. -0.012 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

Tgt Ion: 93 Resp: 50781

Ion Ratio Lower Upper

93 100

63 81.2 60.6 100.6

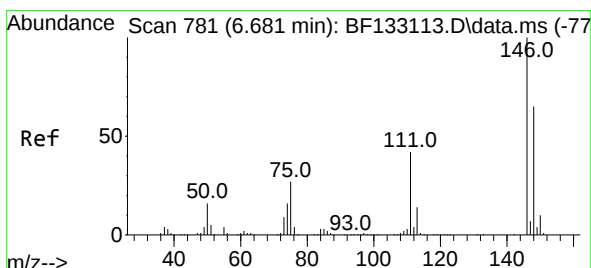
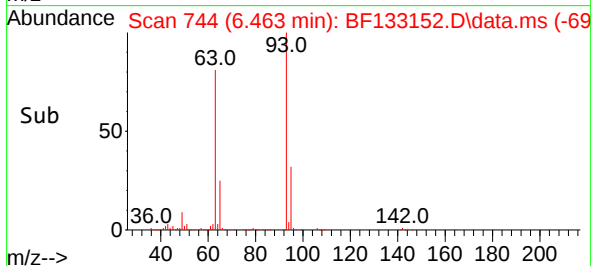
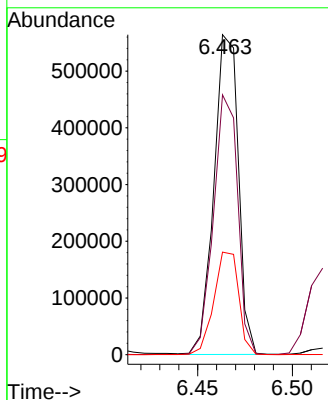
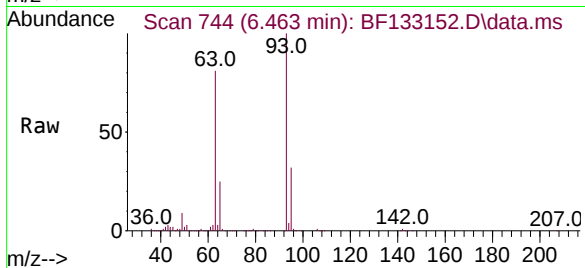
95 32.1 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#12

1,3-Dichlorobenzene

Concen: 32.174 ng

RT: 6.669 min Scan# 779

Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

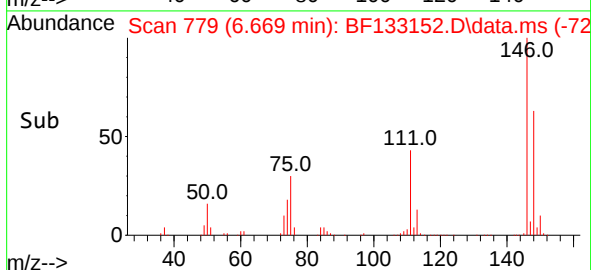
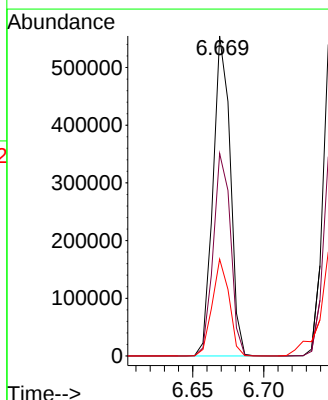
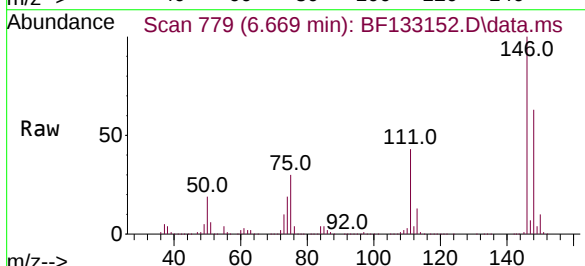
Tgt Ion:146 Resp: 468330

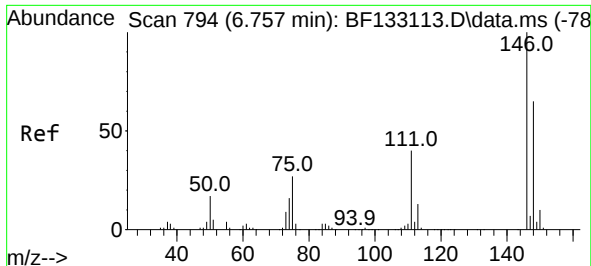
Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

75 30.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 33.408 ng

RT: 6.751 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

Tgt Ion:146 Resp: 48737

Ion Ratio Lower Upper

146 100

148 64.9 50.3 75.5

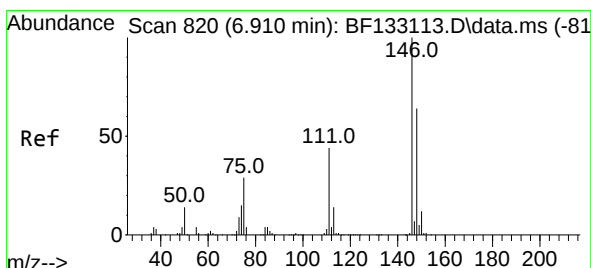
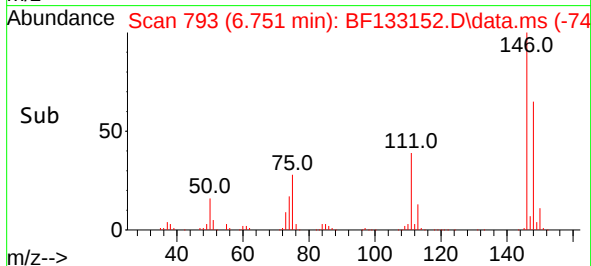
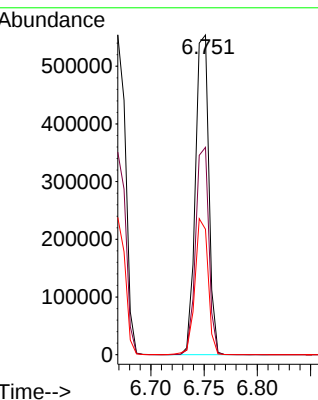
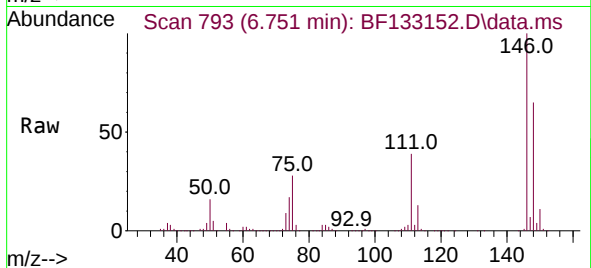
111 39.2 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#14

1,2-Dichlorobenzene

Concen: 34.543 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

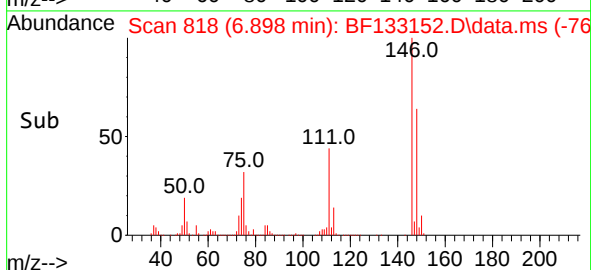
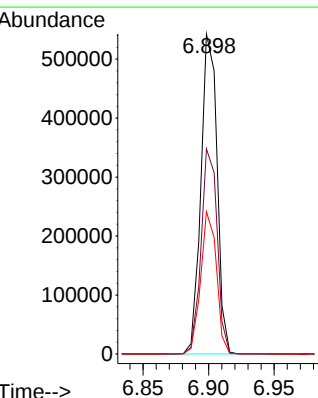
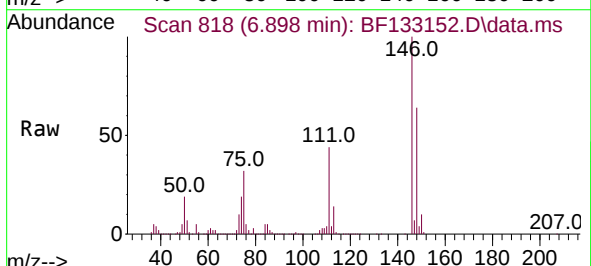
Tgt Ion:146 Resp: 464600

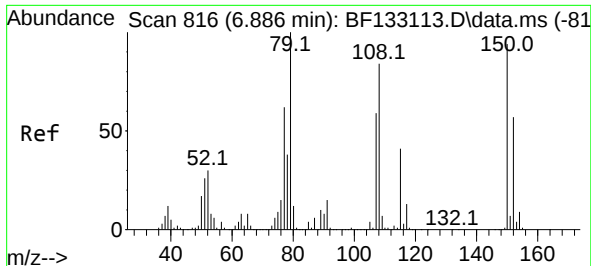
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

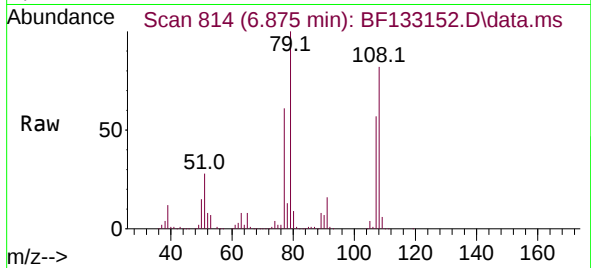
111 44.4 32.8 49.2





#15
Benzyl Alcohol
Concen: 27.380 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

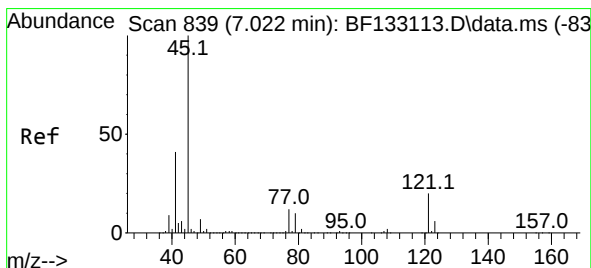
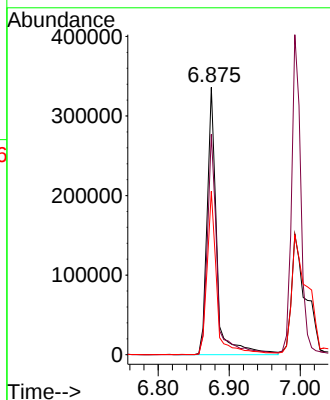
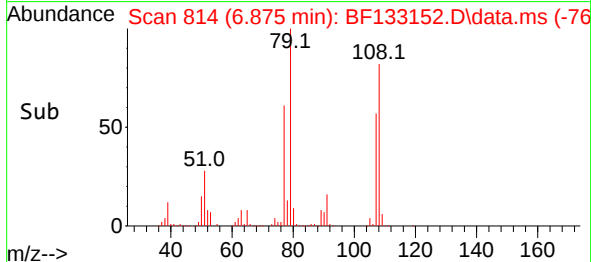
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion: 79 Resp: 316550
Ion Ratio Lower Upper
79 100
108 82.4 66.6 99.8
77 61.1 49.2 73.8

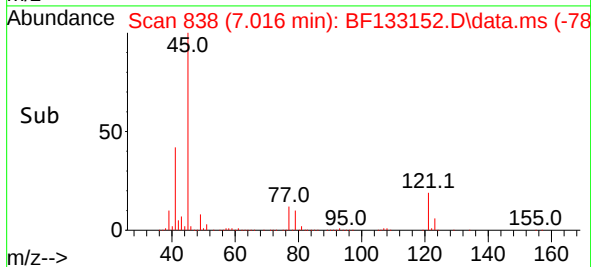
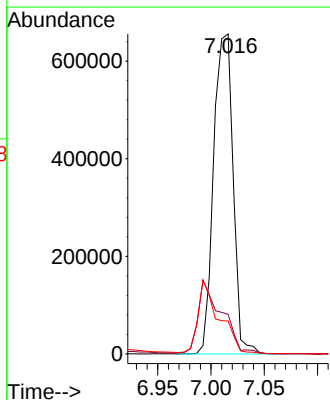
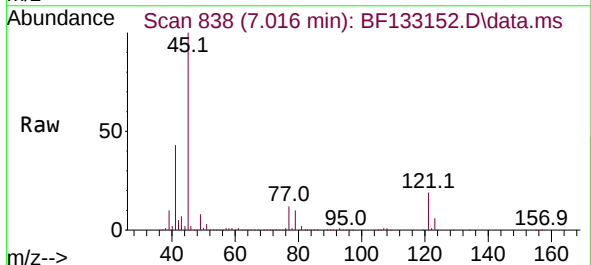
Manual Integrations
APPROVED

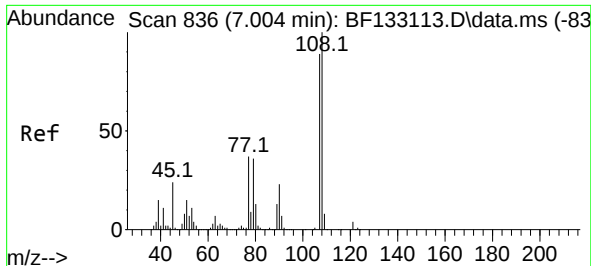
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.540 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

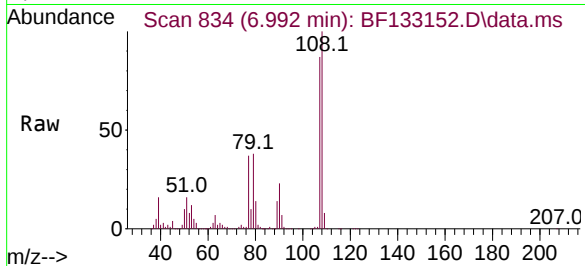
Tgt Ion: 45 Resp: 831230
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 10.3 0.0 28.7





#17
2-Methylphenol
Concen: 25.721 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

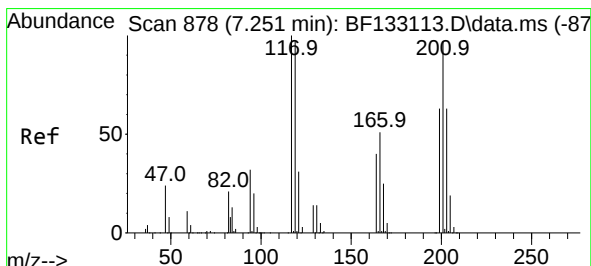
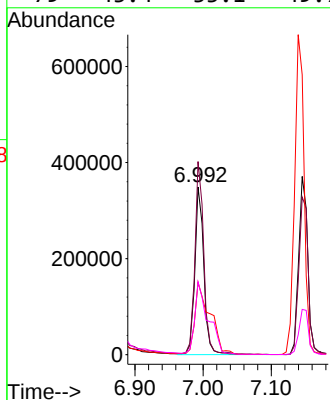
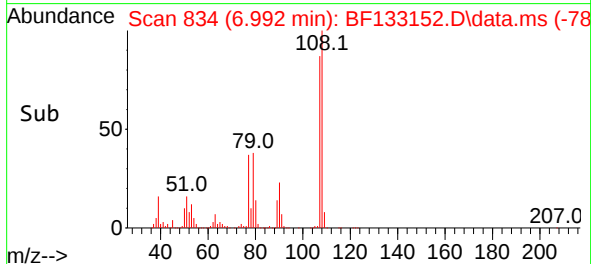
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:107 Resp: 322450
Ion Ratio Lower Upper
107 100
108 115.2 92.4 138.6
77 43.2 33.8 50.8
79 43.4 33.1 49.7

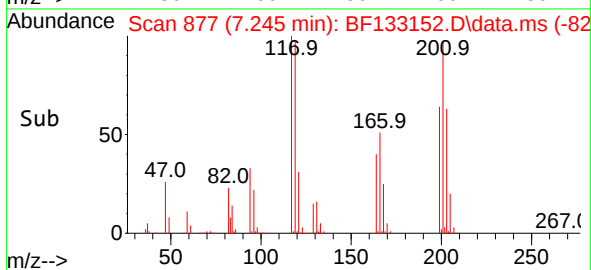
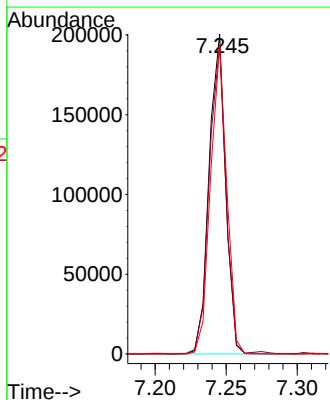
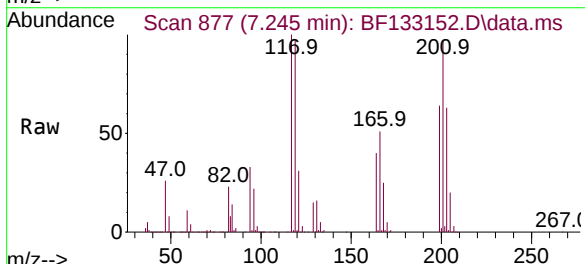
Manual Integrations
APPROVED

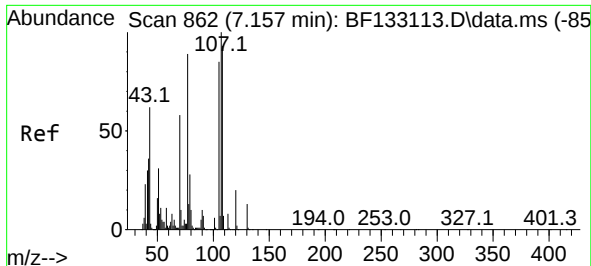
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#18
Hexachloroethane
Concen: 32.048 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

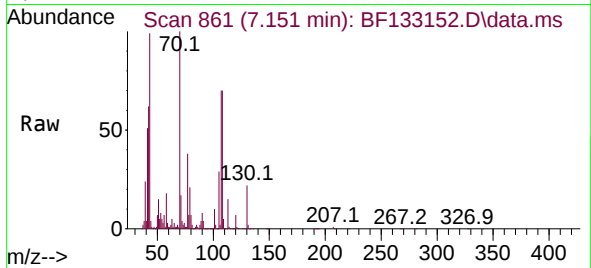
Tgt Ion:117 Resp: 162549
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.4
201 96.6 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 36.895 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

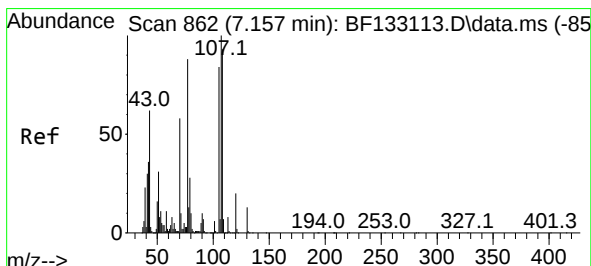
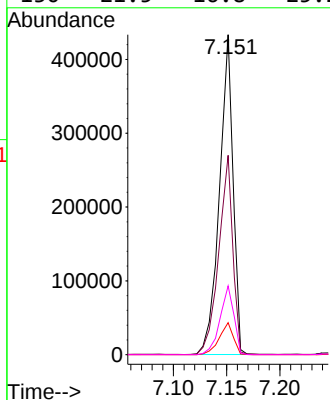
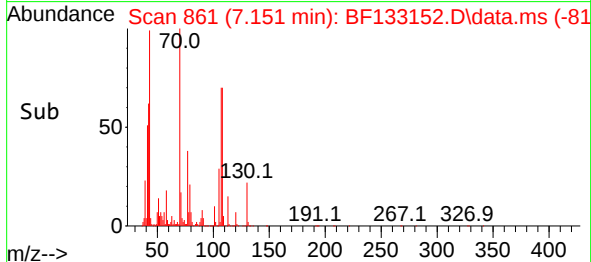
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



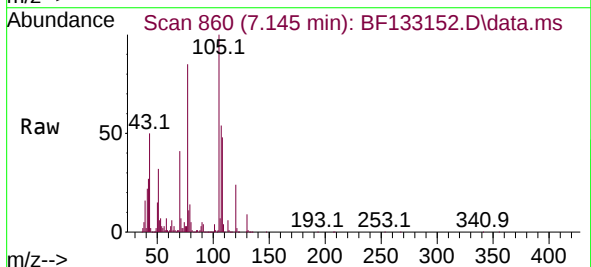
Tgt Ion: 70 Resp: 384440
Ion Ratio Lower Upper
70 100
42 62.3 51.8 77.6
101 10.0 8.0 12.0
130 21.5 16.8 25.2

Manual Integrations
APPROVED

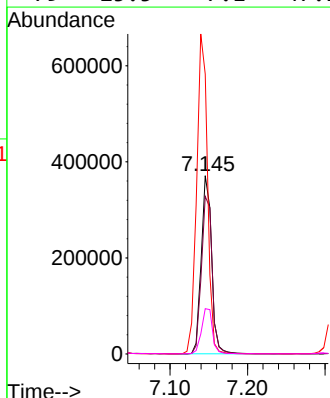
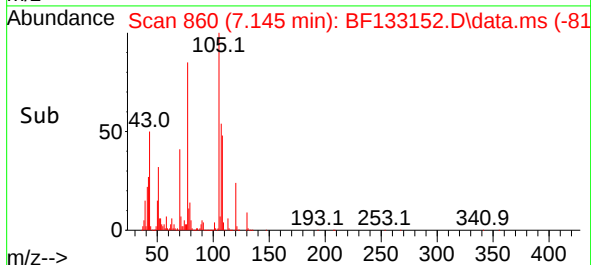
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

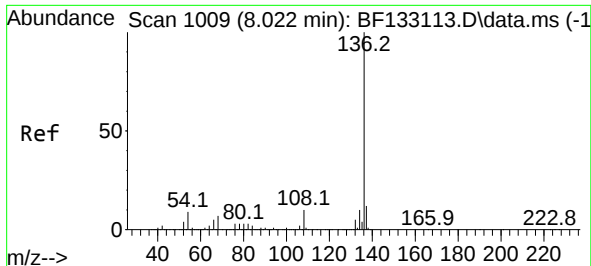


#20
3+4-Methylphenols
Concen: 23.297 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



Tgt Ion:107 Resp: 343957
Ion Ratio Lower Upper
107 100
108 88.5 70.5 110.5
77 157.0 91.7 131.7#
79 25.5 7.1 47.1





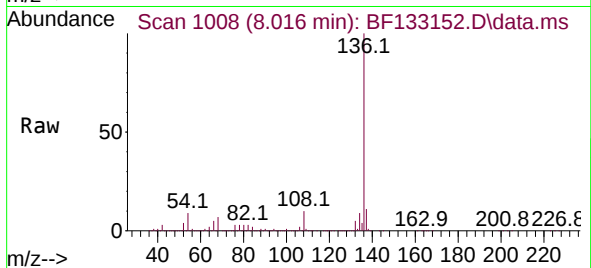
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

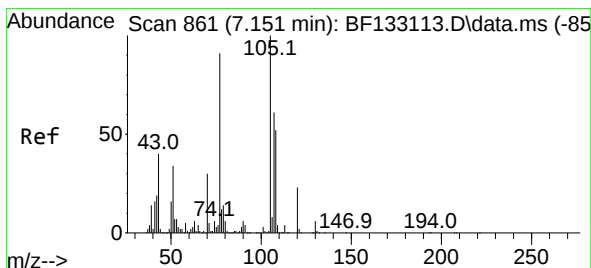
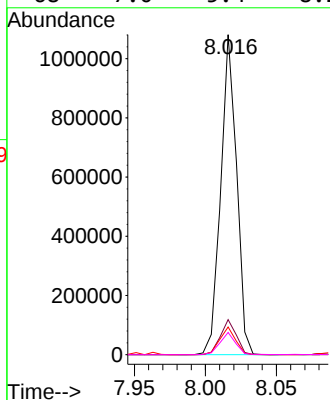
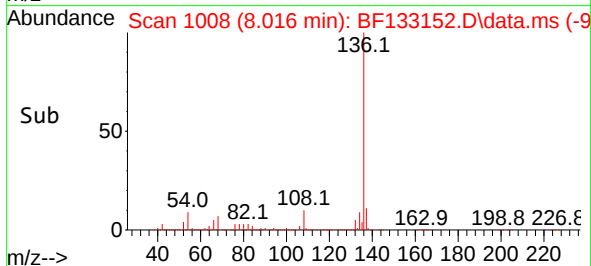


Tgt Ion:136 Resp: 837623
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.0 10.4
68 7.0 5.4 8.2

Manual Integrations

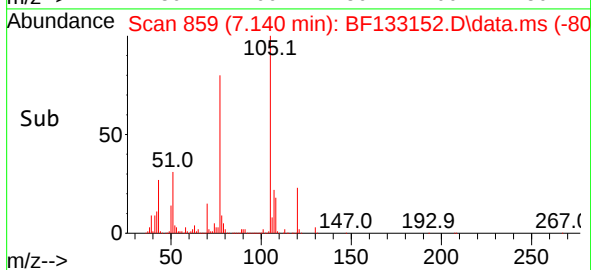
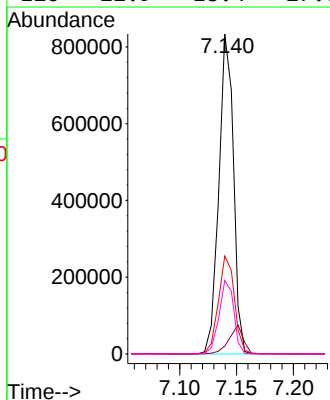
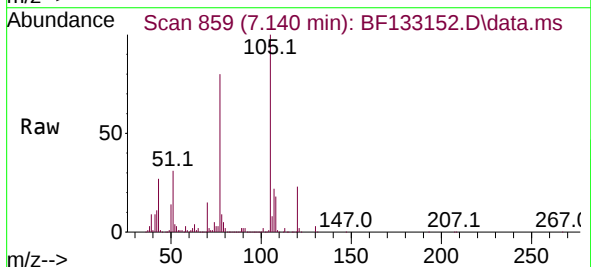
APPROVED

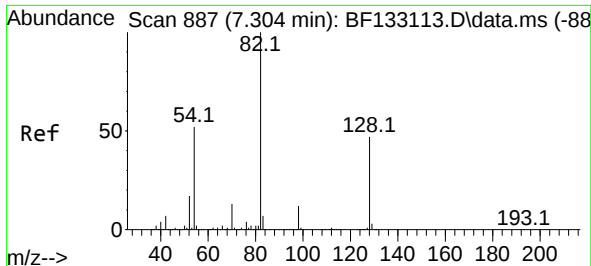
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#22
Acetophenone
Concen: 38.477 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Tgt Ion:105 Resp: 746576
Ion Ratio Lower Upper
105 100
71 2.4 4.6 7.0#
51 30.6 28.2 42.2
120 22.9 18.4 27.6





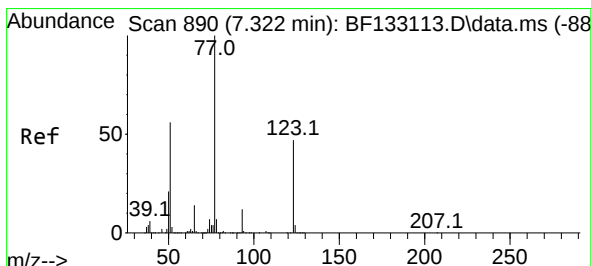
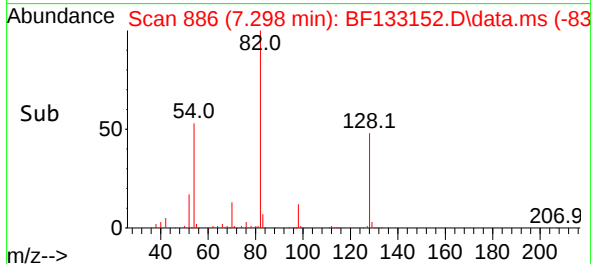
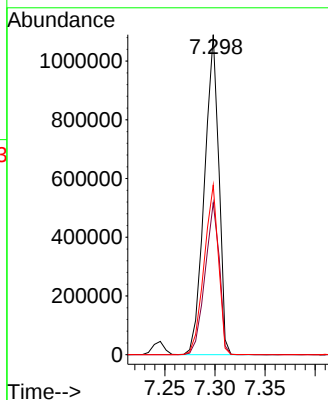
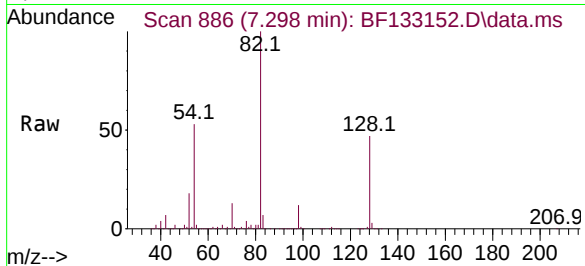
#23
Nitrobenzene-d5
Concen: 70.169 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tgt Ion: 82 Resp: 1088894
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 53.0 43.0 64.4

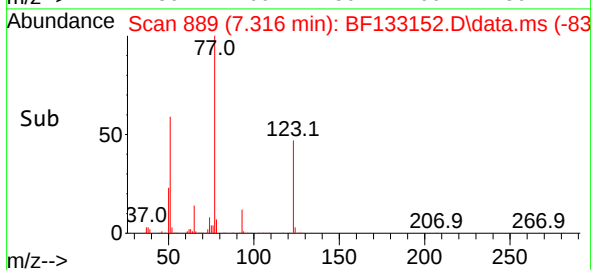
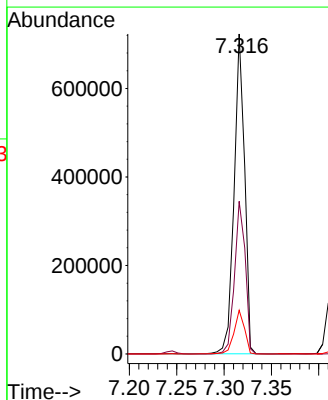
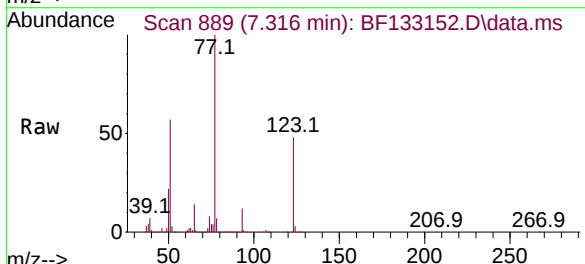
Manual Integrations
APPROVED

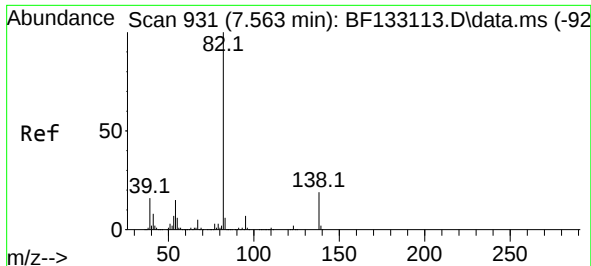
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#24
Nitrobenzene
Concen: 35.258 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

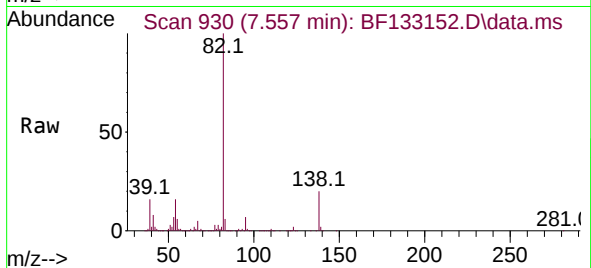
Tgt Ion: 77 Resp: 554438
Ion Ratio Lower Upper
77 100
123 47.7 39.9 59.9
65 13.7 10.7 16.1





#25
Isophorone
Concen: 36.414 ng
RT: 7.557 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

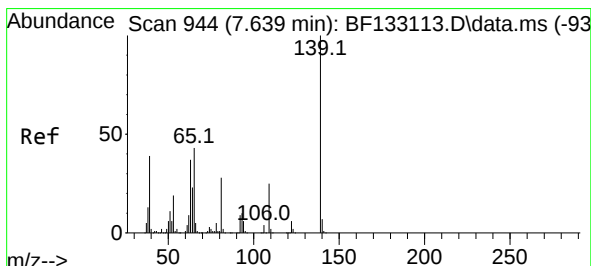
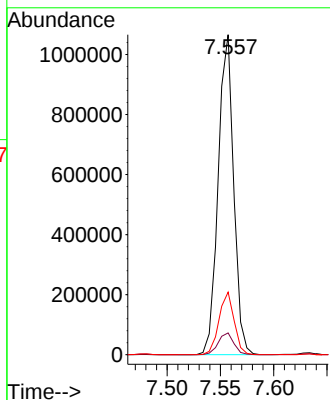
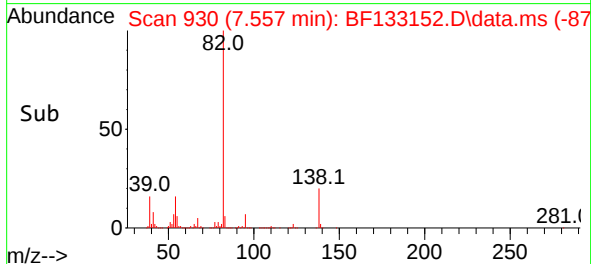
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion: 82 Resp: 1072898
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.5 16.0 24.0

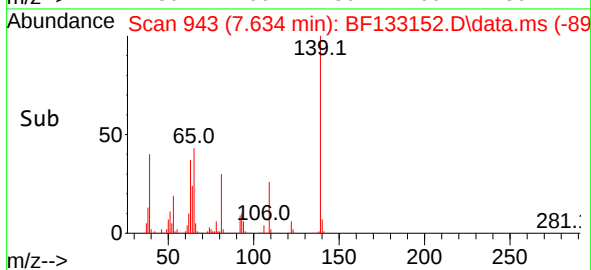
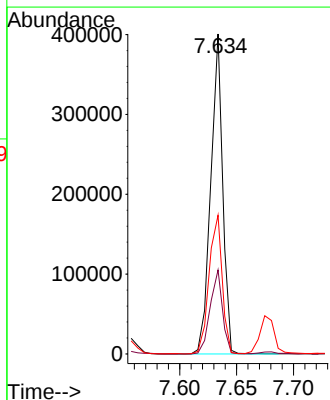
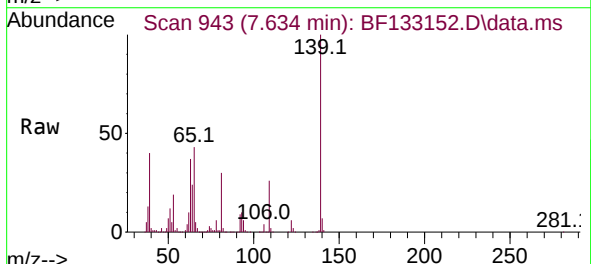
Manual Integrations
APPROVED

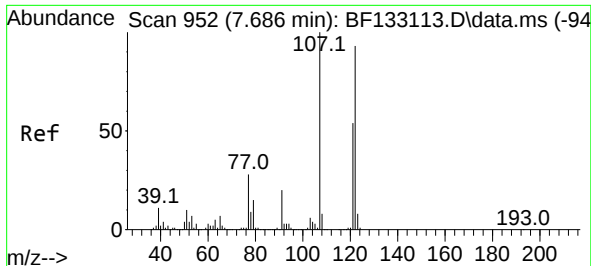
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#26
2-Nitrophenol
Concen: 38.614 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Tgt Ion:139 Resp: 292874
Ion Ratio Lower Upper
139 100
109 26.3 21.6 32.4
65 43.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 34.729 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

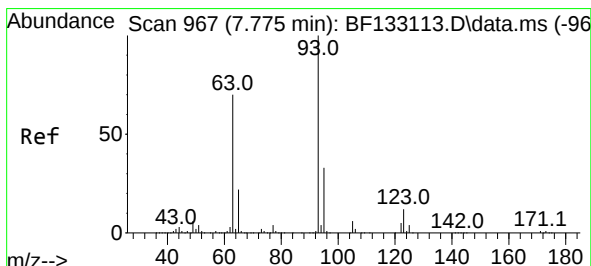
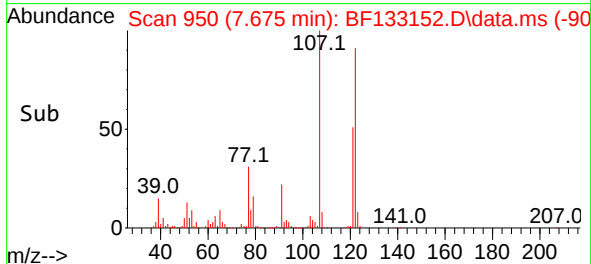
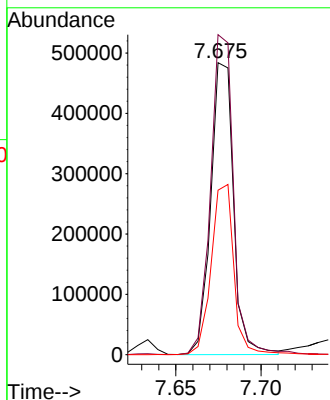
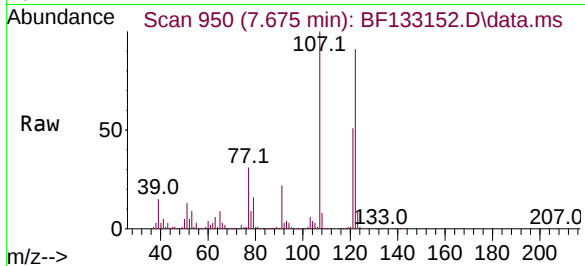
GMW-7MS

Tgt Ion:	122	Resp:	45166
Ion Ratio	Lower	Upper	
122	100		
107	109.6	89.7	134.5
121	56.3	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.159 ng

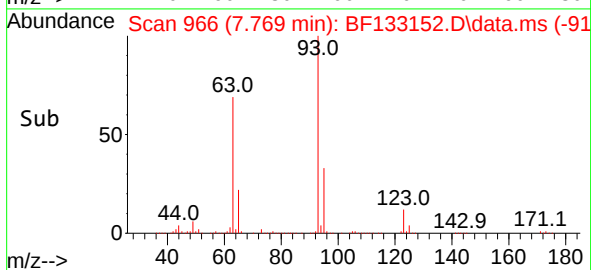
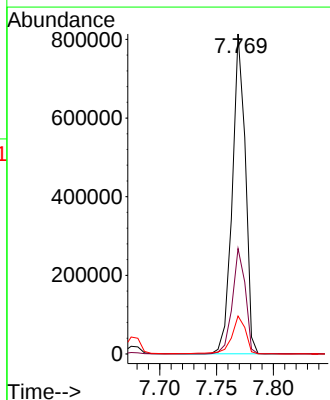
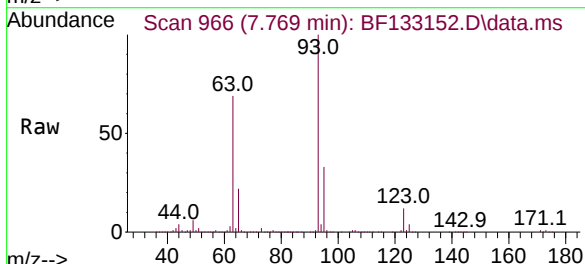
RT: 7.769 min Scan# 966

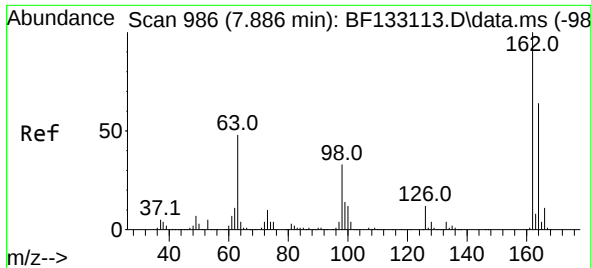
Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Tgt Ion:	93	Resp:	647698
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.4	39.6
123	11.9	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 36.224 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

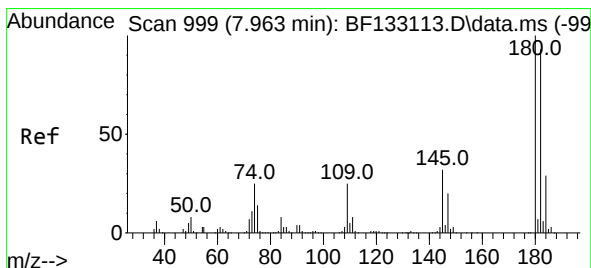
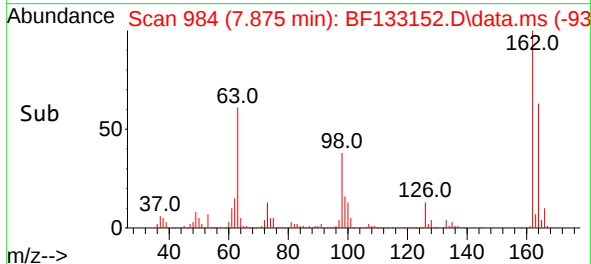
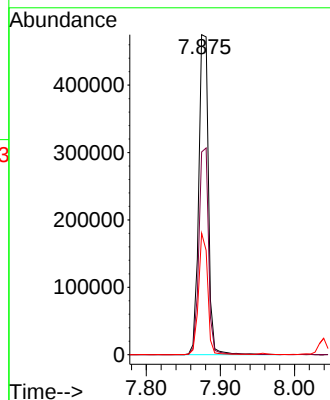
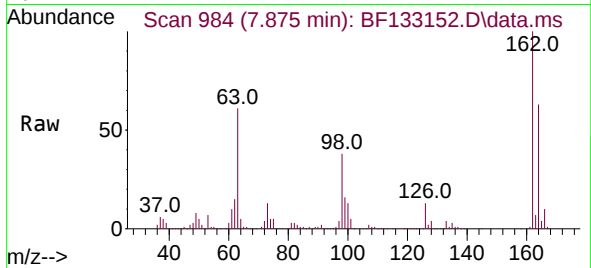
GMW-7MS

Tgt Ion:162	Resp: 428878
Ion Ratio	Lower Upper
162 100	
164 63.4	43.9 83.9
98 38.0	17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 35.485 ng

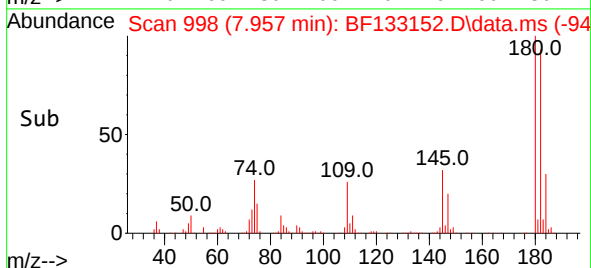
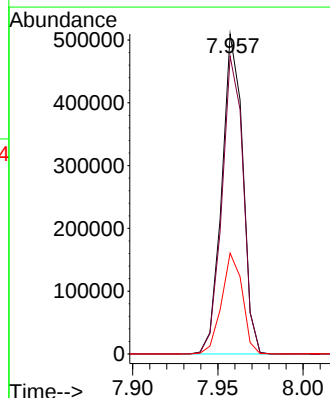
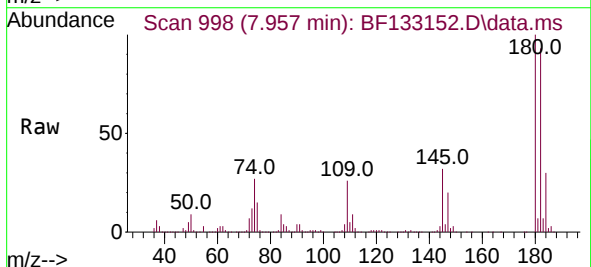
RT: 7.957 min Scan# 998

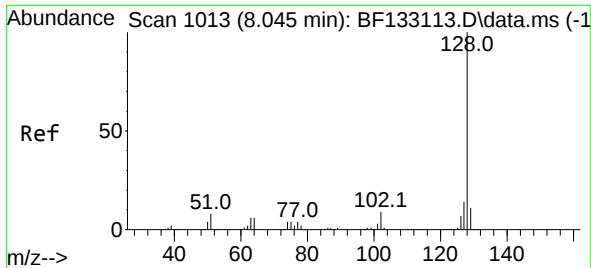
Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

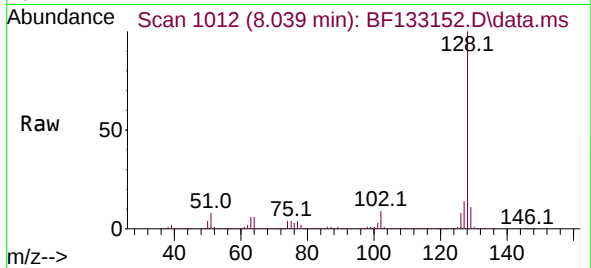
Tgt Ion:180	Resp: 435251
Ion Ratio	Lower Upper
180 100	
182 93.0	75.9 113.9
145 31.5	25.3 37.9





#31
Naphthalene
Concen: 35.018 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

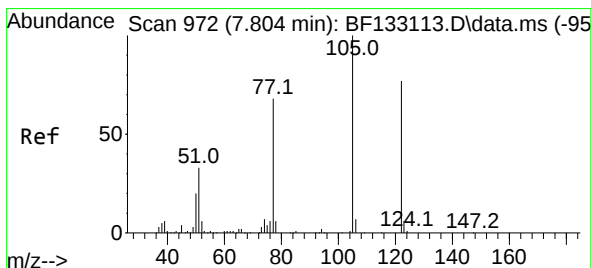
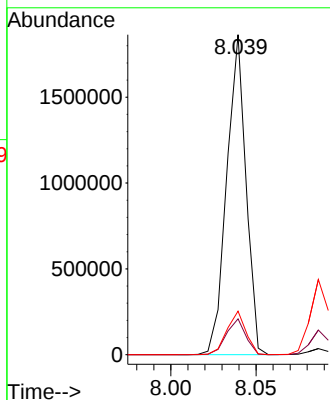
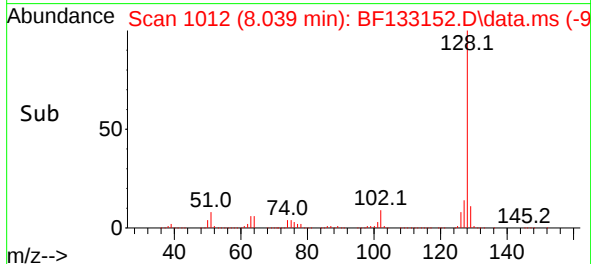
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:128 Resp: 146652
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.7 16.1

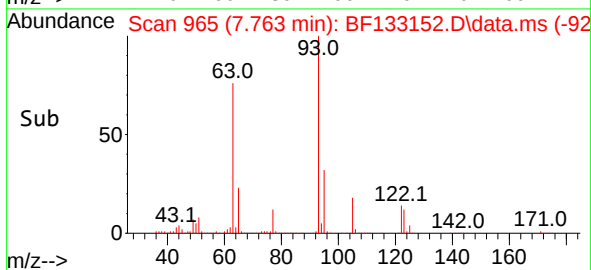
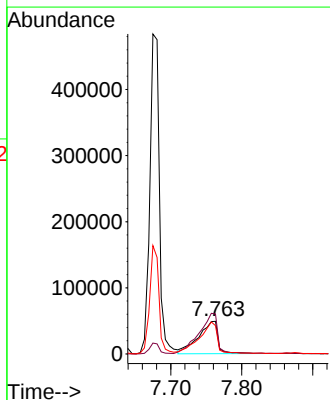
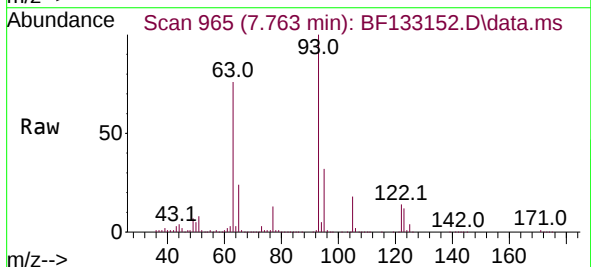
Manual Integrations
APPROVED

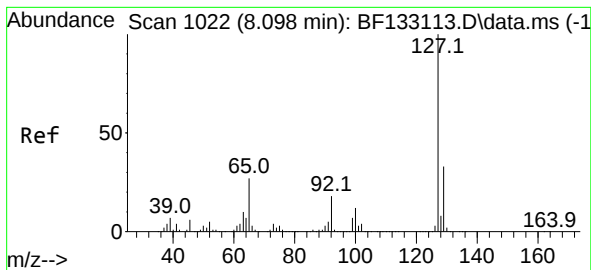
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#32
Benzoic acid
Concen: 11.915 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.041 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Tgt Ion:122 Resp: 95719
Ion Ratio Lower Upper
122 100
105 122.5 104.2 144.2
77 86.5 69.7 109.7





#33
4-Chloroaniline
Concen: 20.259 ng
RT: 8.086 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

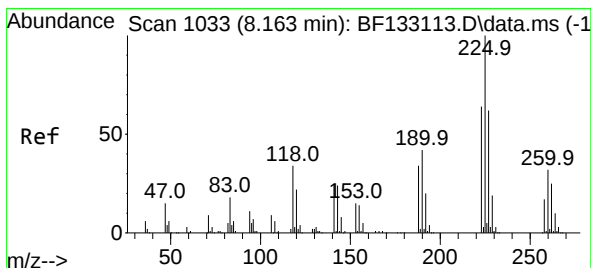
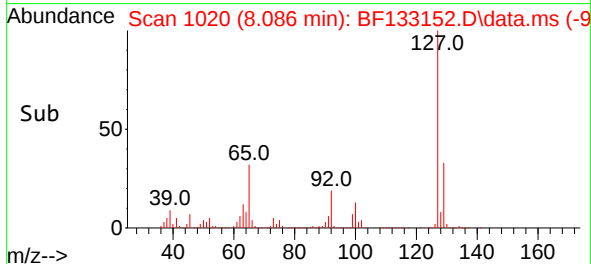
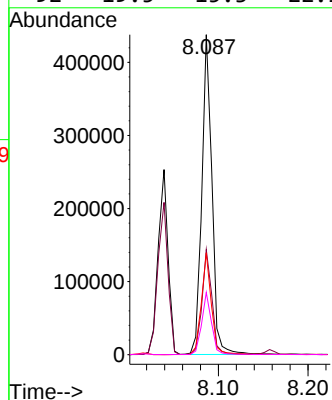
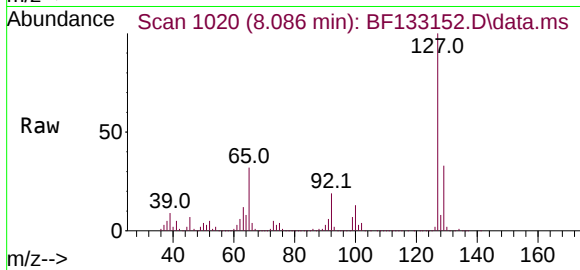
GMW-7MS

Tgt Ion:127 Resp: 342788
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8
65 31.8 23.6 35.4
92 19.5 15.3 22.9

Manual Integrations

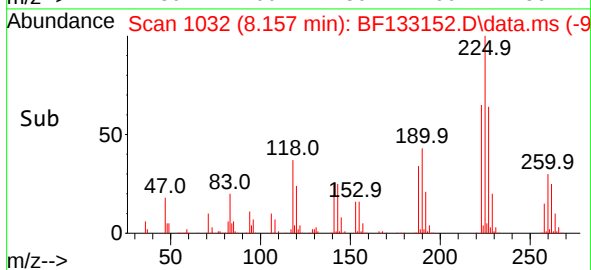
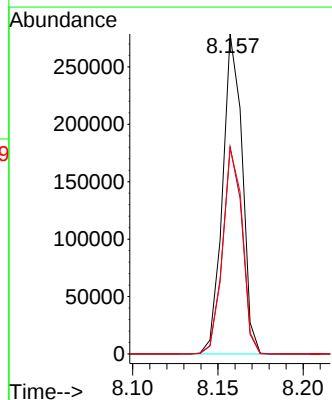
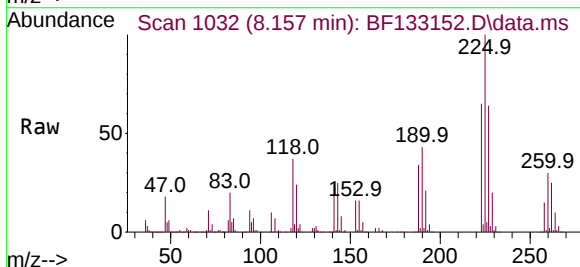
APPROVED

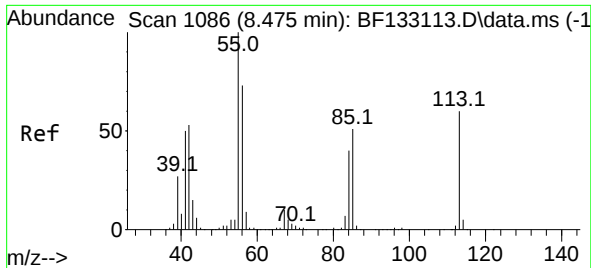
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#34
Hexachlorobutadiene
Concen: 32.797 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

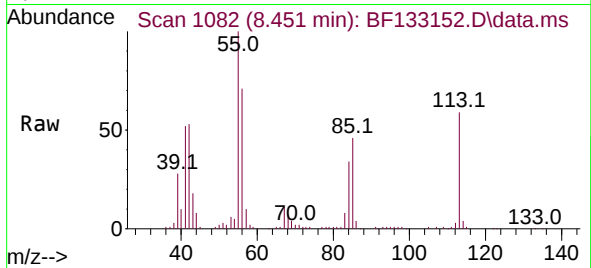
Tgt Ion:225 Resp: 222960
Ion Ratio Lower Upper
225 100
223 64.7 50.9 76.3
227 64.3 50.3 75.5





#35
Caprolactam
Concen: 9.677 ng m
RT: 8.451 min Scan# 1086
Delta R.T. -0.017 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

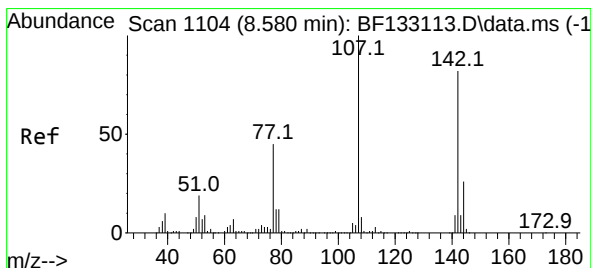
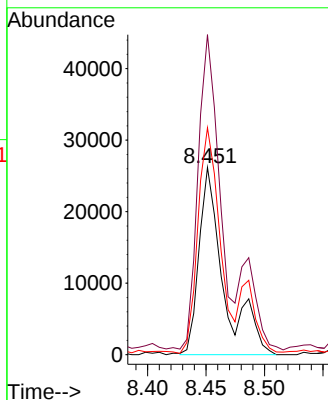
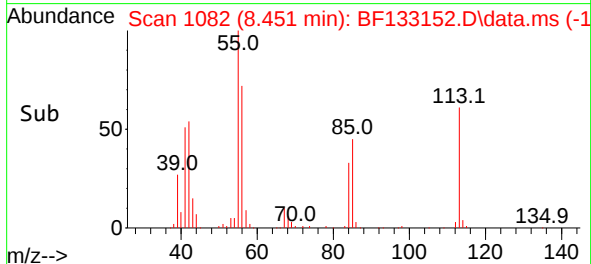
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:113 Resp: 3848
Ion Ratio Lower Upper
113 100
55 170.9 167.1 207.1
56 121.1 114.5 154.5

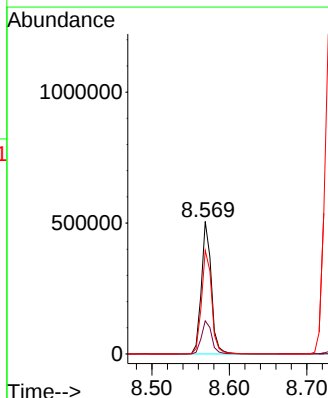
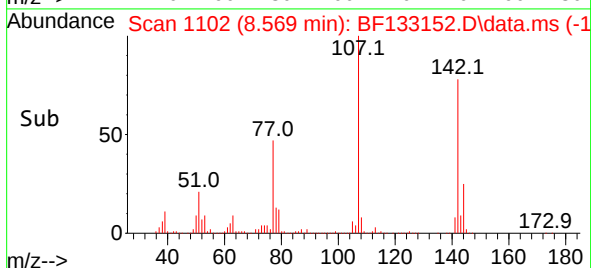
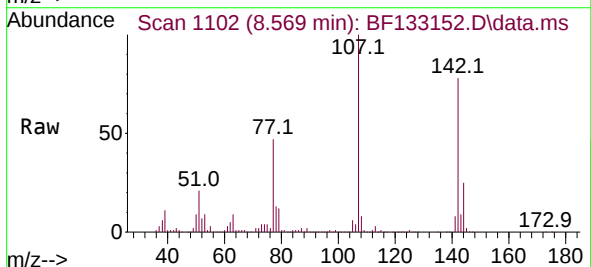
Manual Integrations
APPROVED

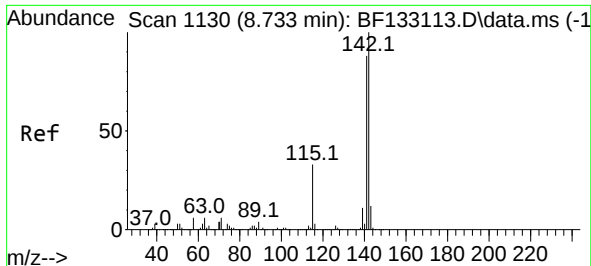
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#36
4-Chloro-3-methylphenol
Concen: 35.213 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Tgt Ion:107 Resp: 449579
Ion Ratio Lower Upper
107 100
144 25.0 20.6 30.8
142 78.1 62.8 94.2





#37

2-Methylnaphthalene

Concen: 35.284 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

Tgt Ion:142 Resp: 101022

Ion Ratio Lower Upper

142 100

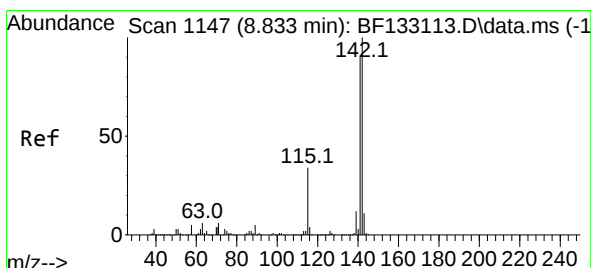
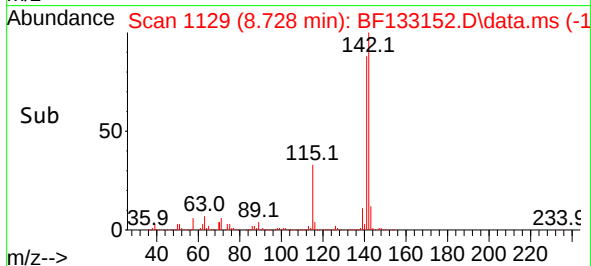
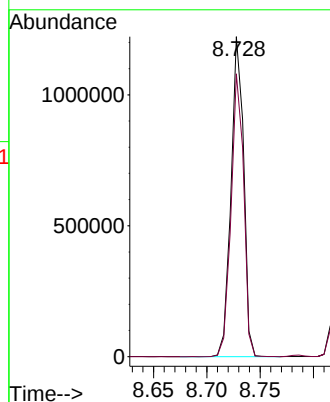
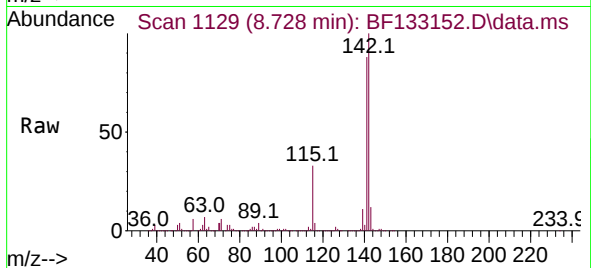
141 88.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#38

1-Methylnaphthalene

Concen: 36.211 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF133152.D

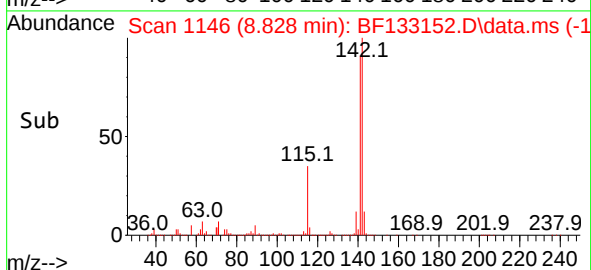
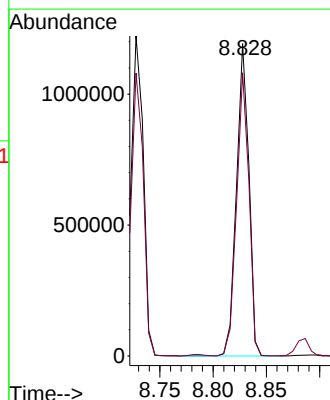
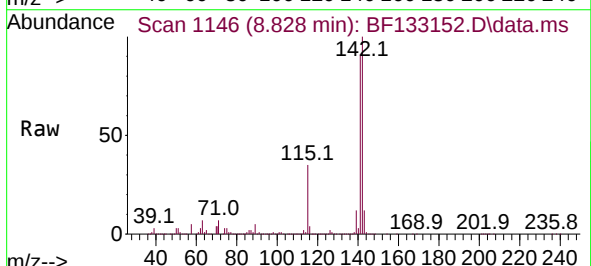
Acq: 01 May 2023 13:18

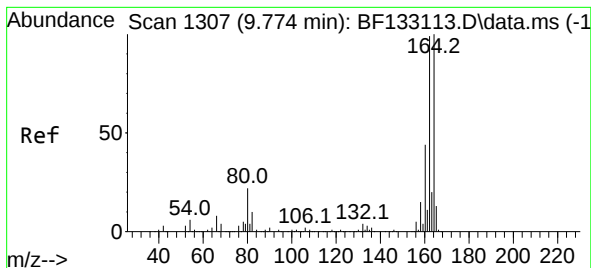
Tgt Ion:142 Resp: 969876

Ion Ratio Lower Upper

142 100

141 90.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

Tgt Ion:164 Resp: 42485

Ion Ratio Lower Upper

164 100

162 101.9 78.7 118.1

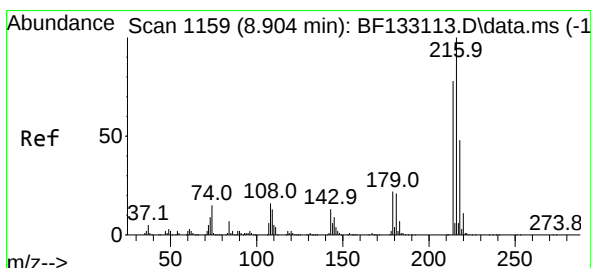
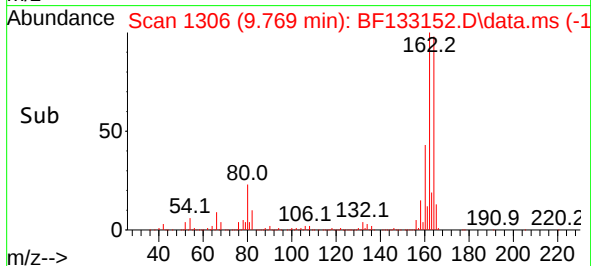
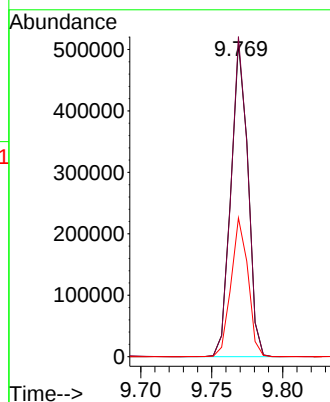
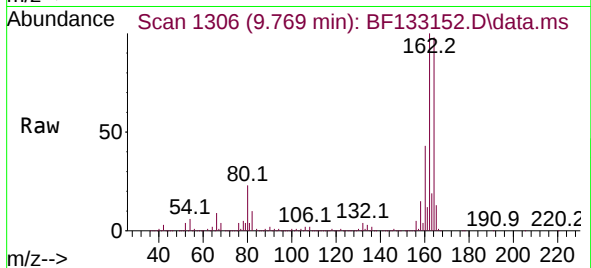
160 44.2 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.512 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Tgt Ion:216 Resp: 417077

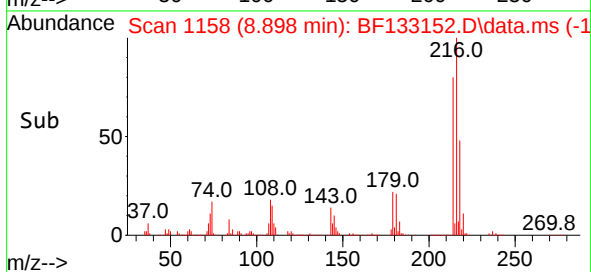
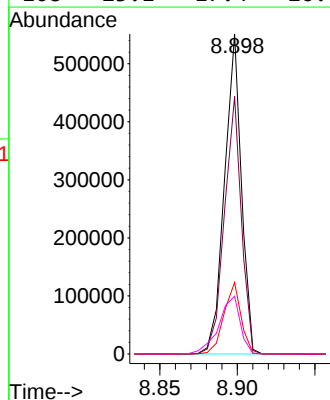
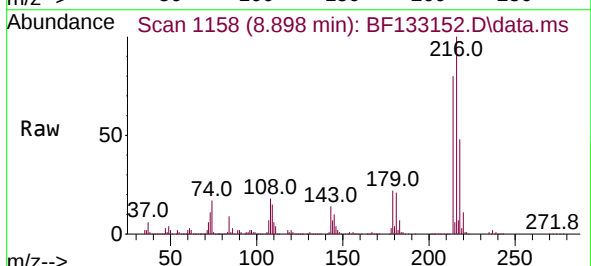
Ion Ratio Lower Upper

216 100

214 80.6 63.5 95.3

179 22.5 17.4 26.2

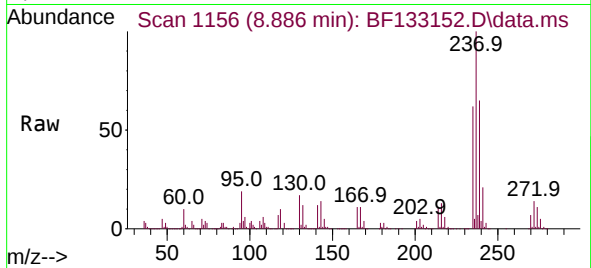
108 23.1 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 69.210 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

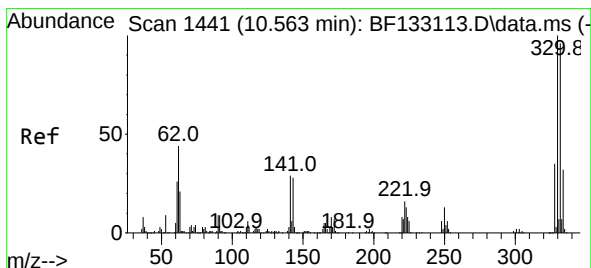
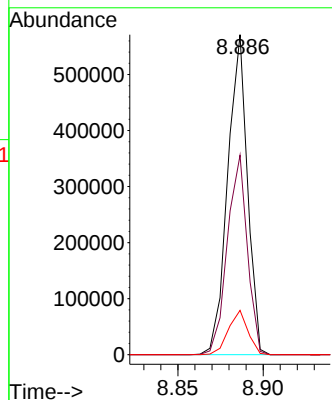
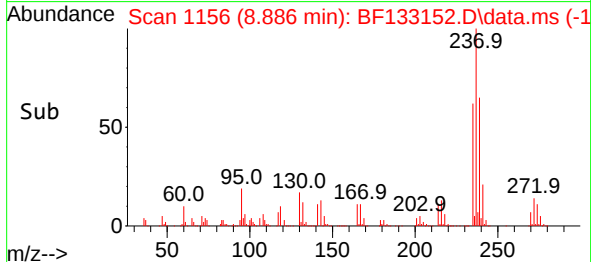
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:237 Resp: 461079
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 13.9 0.0 32.7

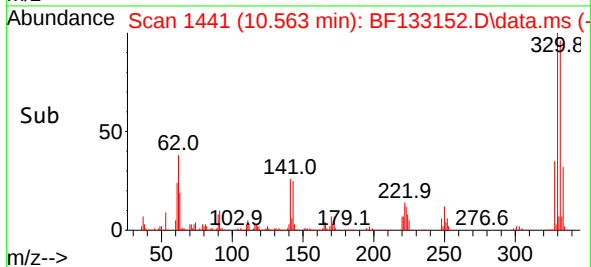
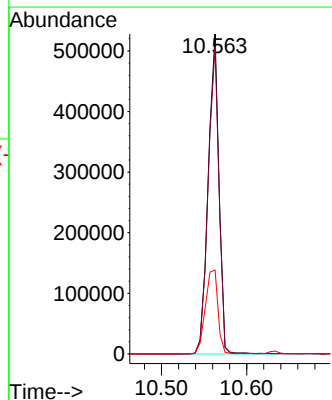
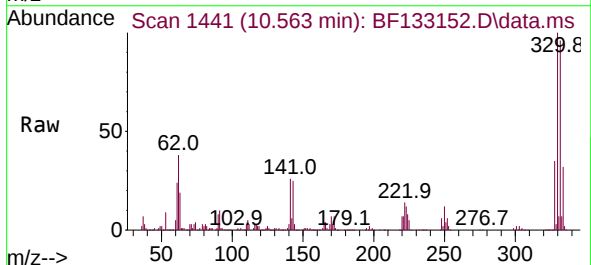
Manual Integrations
APPROVED

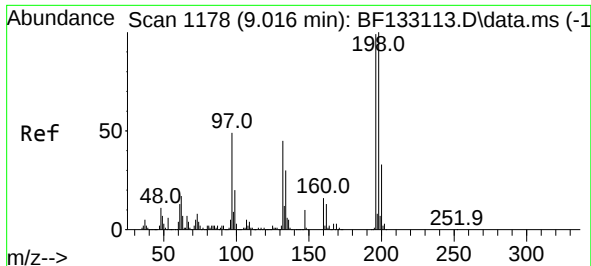
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#42
2,4,6-Tribromophenol
Concen: 108.254 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Tgt Ion:330 Resp: 462540
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.1 25.8 38.8





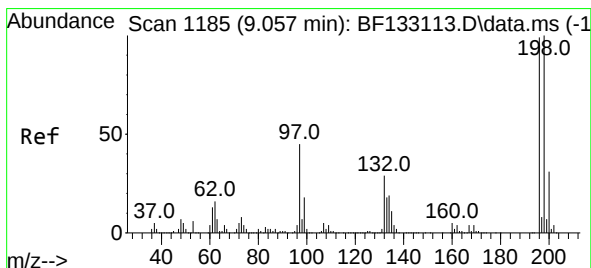
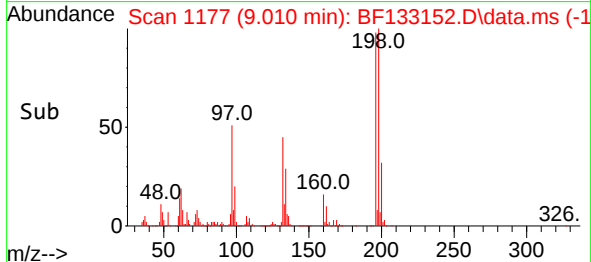
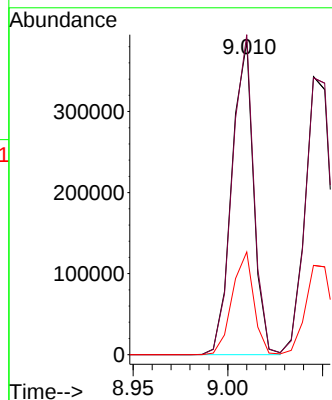
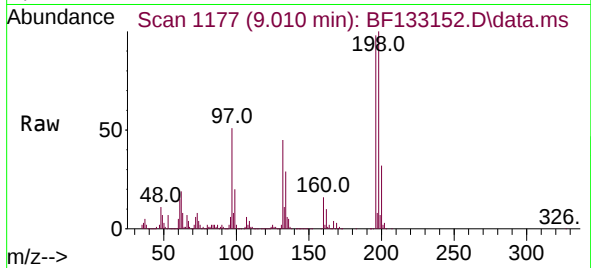
#43
2,4,6-Trichlorophenol
Concen: 39.202 ng
RT: 9.010 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tgt Ion:196 Resp: 309689
Ion Ratio Lower Upper
196 100
198 102.3 81.0 121.6
200 32.8 26.1 39.1

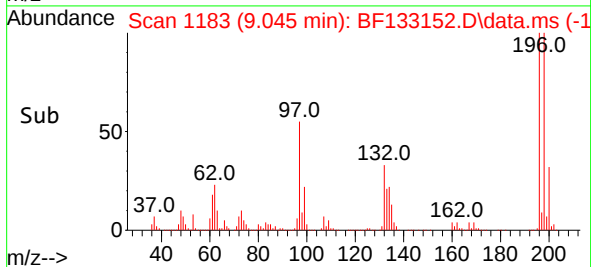
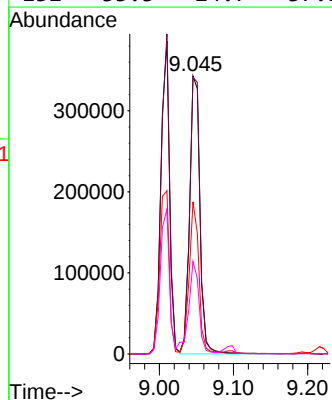
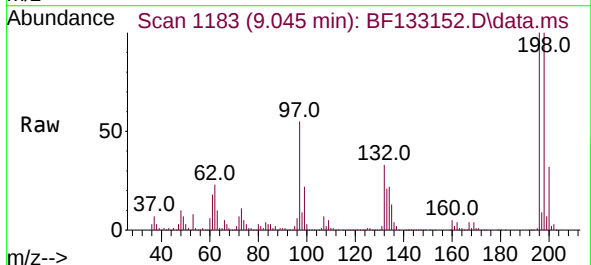
Manual Integrations
APPROVED

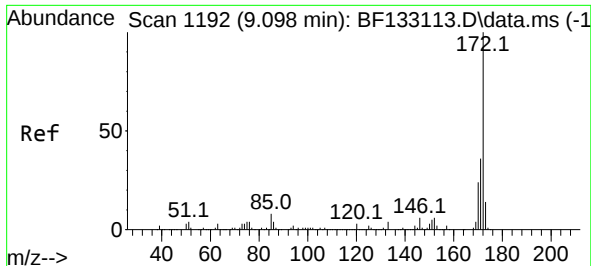
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#44
2,4,5-Trichlorophenol
Concen: 36.445 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Tgt Ion:196 Resp: 332974
Ion Ratio Lower Upper
196 100
198 99.5 80.9 121.3
97 54.7 41.3 61.9
132 33.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 74.066 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133152.D

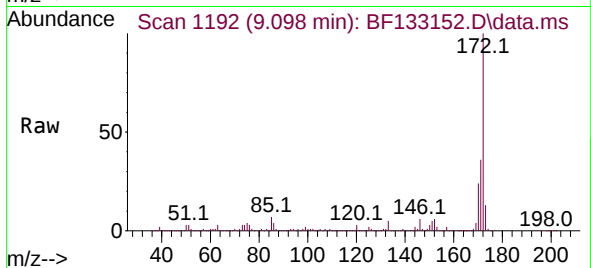
Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS



Tgt Ion:172 Resp: 1880899

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

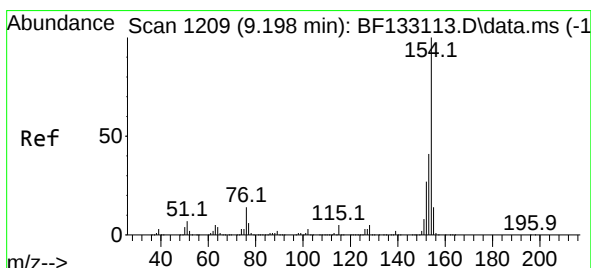
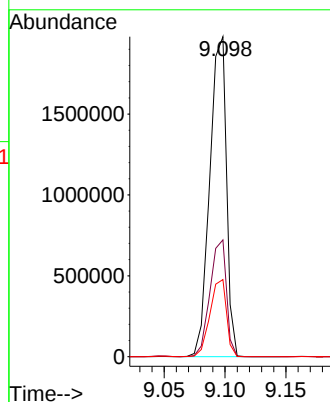
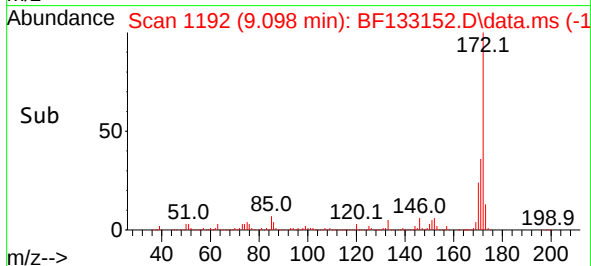
170 24.1 19.4 29.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#46

1,1'-Biphenyl

Concen: 38.141 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

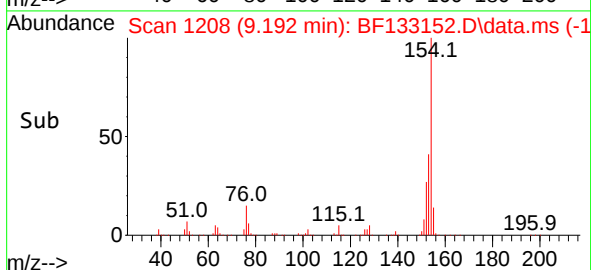
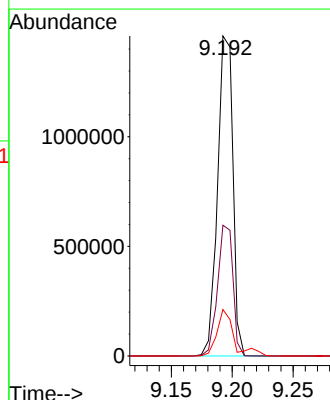
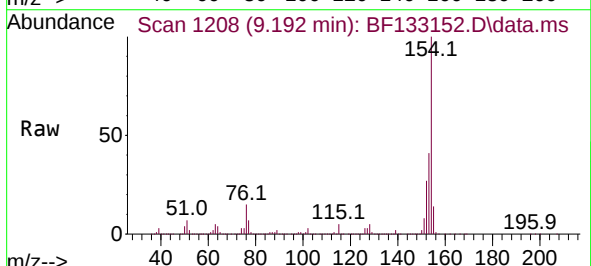
Tgt Ion:154 Resp: 1284949

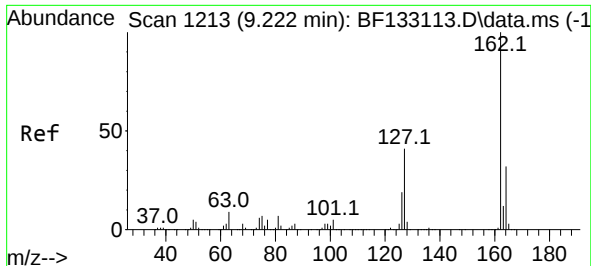
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 14.5 0.0 34.5





#47

2-Chloronaphthalene

Concen: 39.325 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

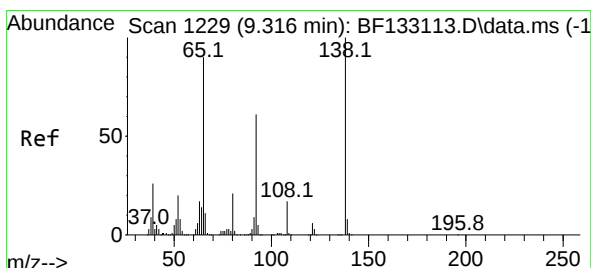
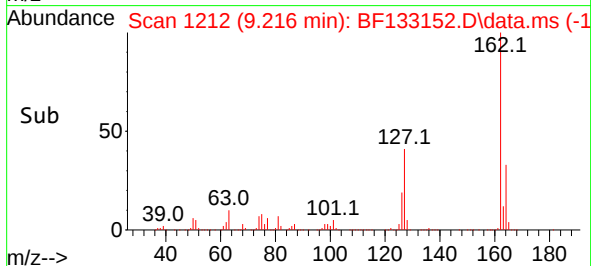
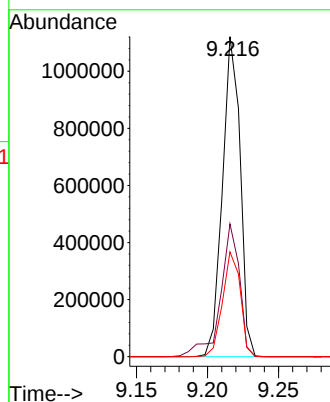
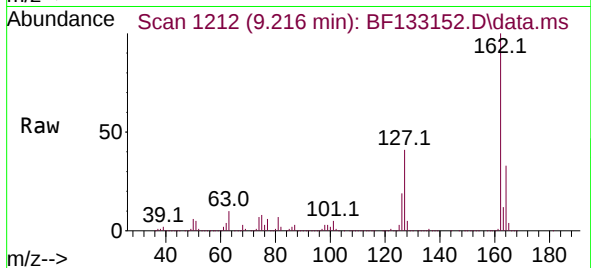
GMW-7MS

Tgt Ion:162 Resp: 96968
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.3 48.5
 164 32.8 26.8 40.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#48

2-Nitroaniline

Concen: 40.141 ng

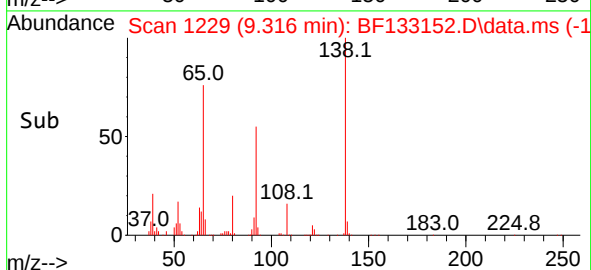
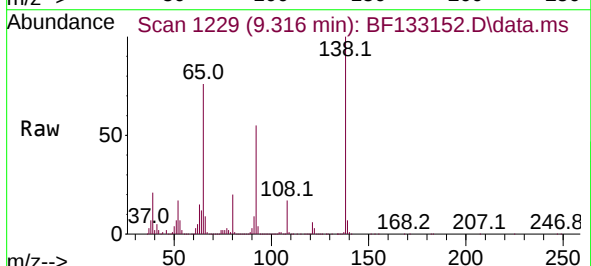
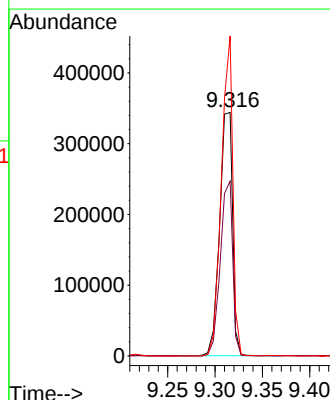
RT: 9.316 min Scan# 1229

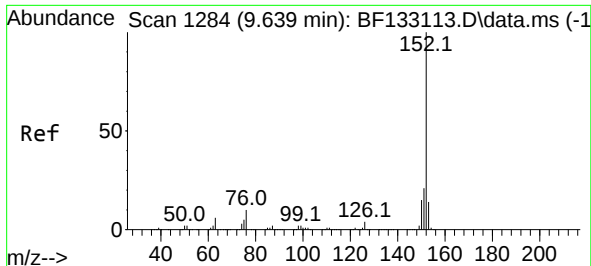
Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

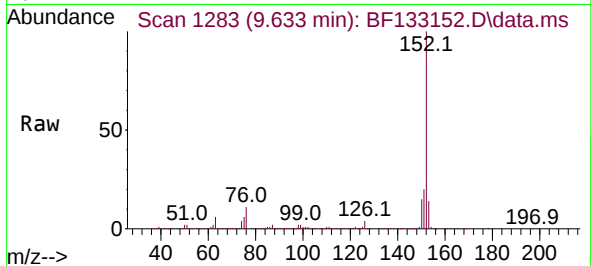
Tgt Ion: 65 Resp: 327124
 Ion Ratio Lower Upper
 65 100
 92 71.8 55.4 83.0
 138 131.4 98.2 147.2





#49
Acenaphthylene
Concen: 38.086 ng
RT: 9.633 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

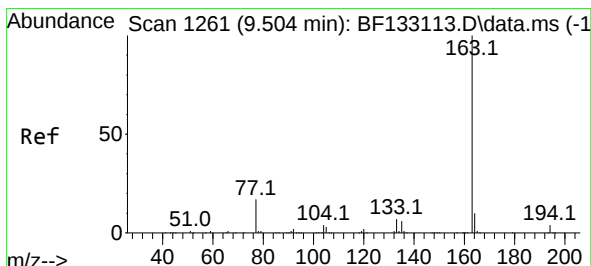
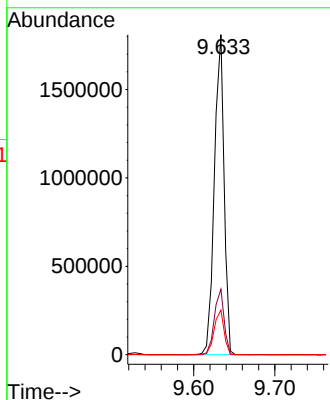
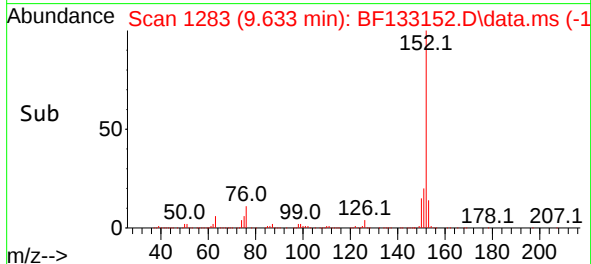
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



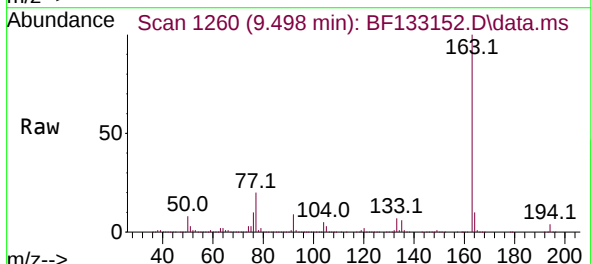
Tgt Ion:152 Resp: 150059
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.0 11.5 17.3

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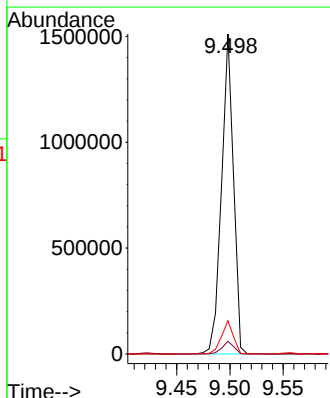
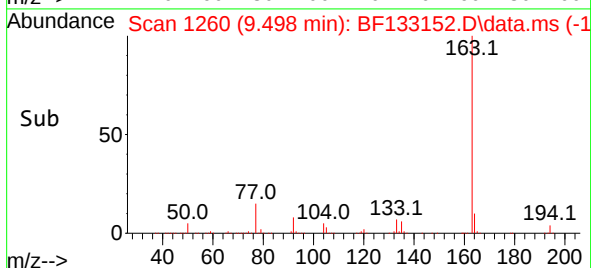
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

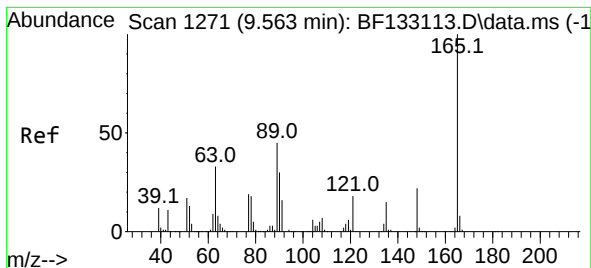


#50
Dimethylphthalate
Concen: 39.629 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



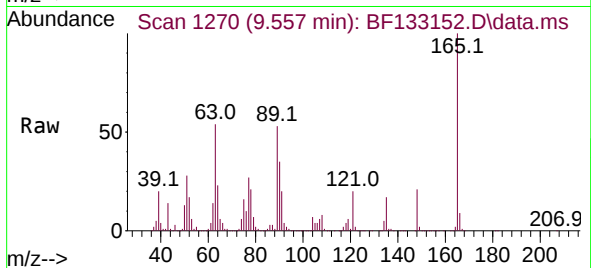
Tgt Ion:163 Resp: 1173976
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 40.884 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

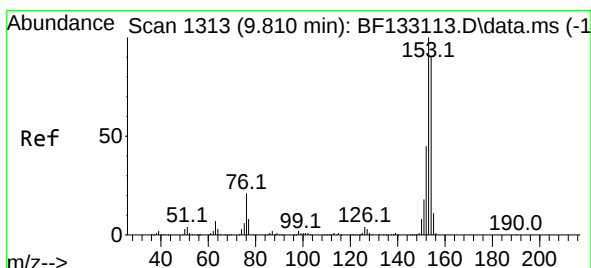
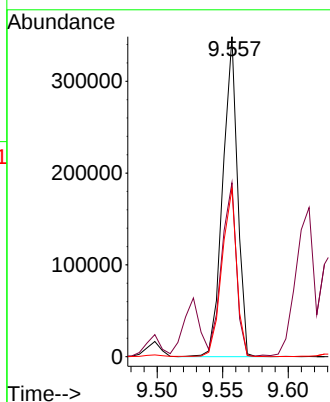
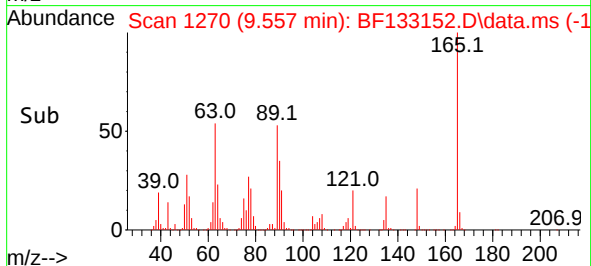
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:165 Resp: 272598
Ion Ratio Lower Upper
165 100
63 54.3 45.9 68.9
89 52.6 44.0 66.0

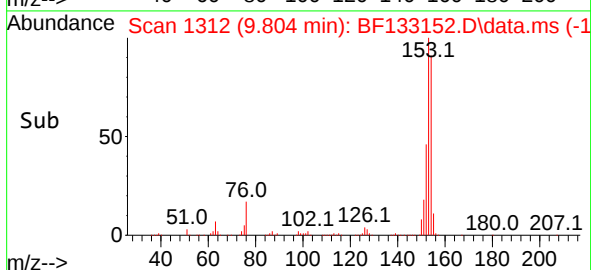
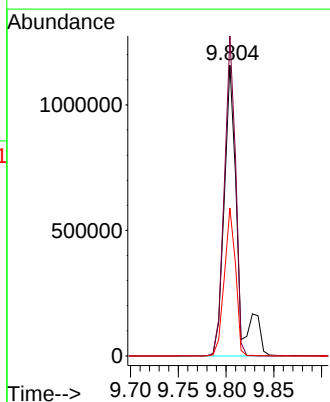
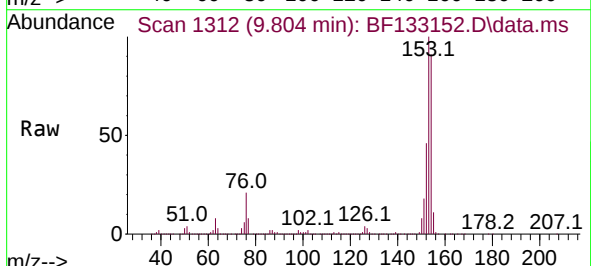
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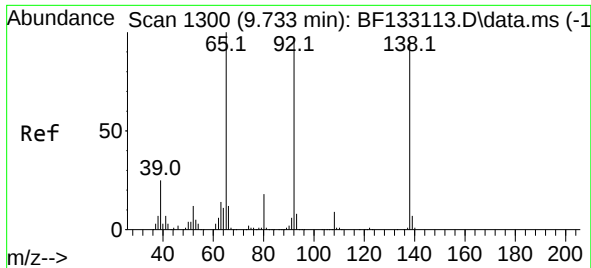
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#52
Acenaphthene
Concen: 42.151 ng m
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

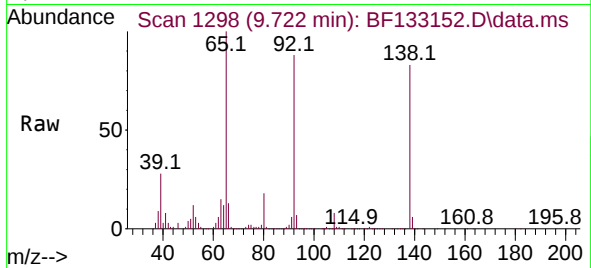
Tgt Ion:154 Resp: 1112292
Ion Ratio Lower Upper
154 100
153 110.1 89.0 133.6
152 50.9 40.4 60.6





#53
3-Nitroaniline
Concen: 23.387 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

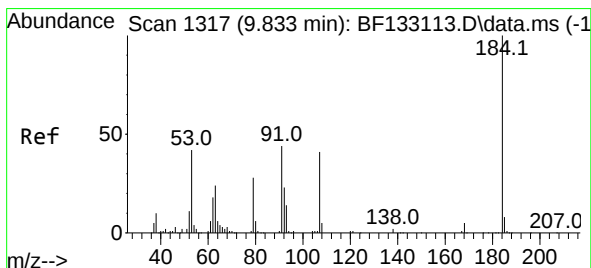
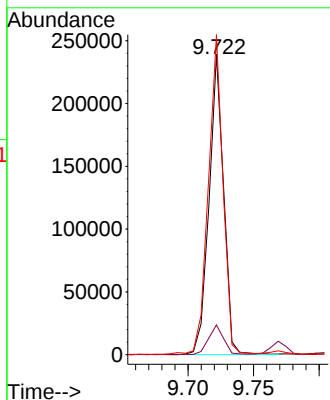
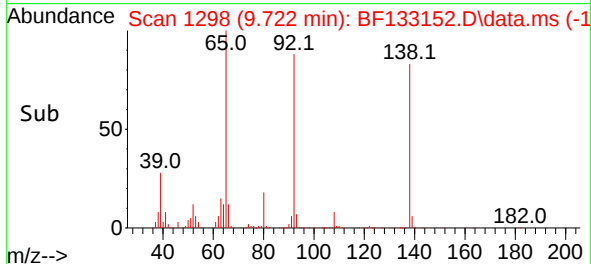
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:138 Resp: 185409
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 106.6 83.6 125.4

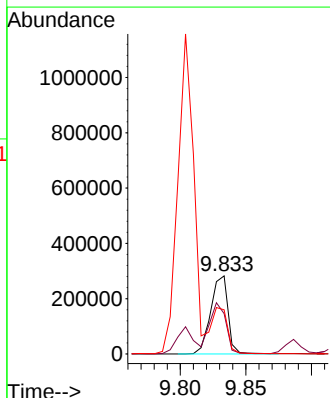
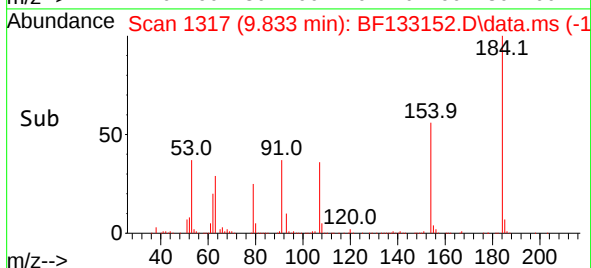
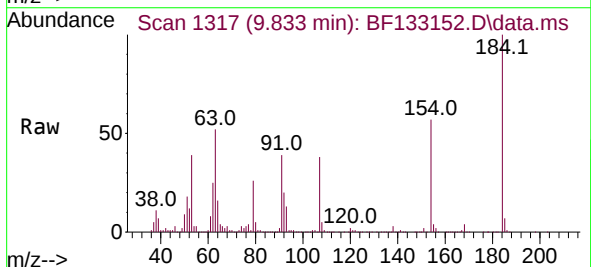
Manual Integrations
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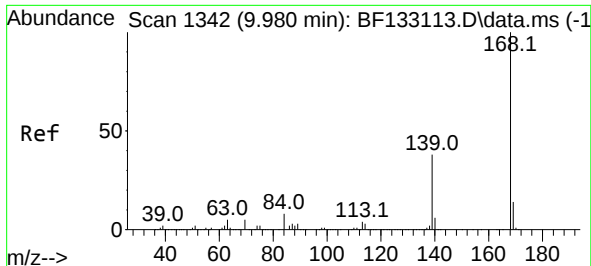
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#54
2,4-Dinitrophenol
Concen: 77.563 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

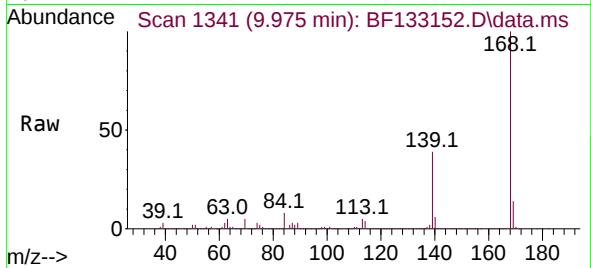
Tgt Ion:184 Resp: 259952
Ion Ratio Lower Upper
184 100
63 51.7 49.8 74.8
154 56.6 49.5 74.3





#55
Dibenzenofuran
Concen: 38.486 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

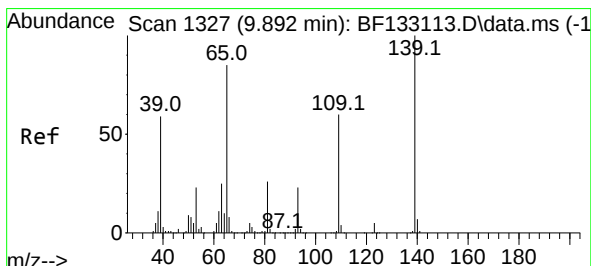
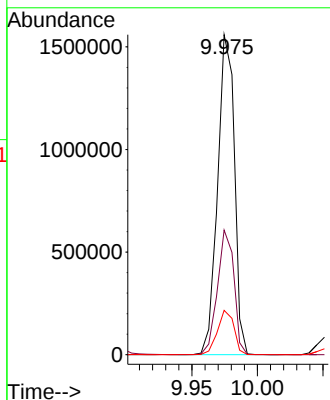
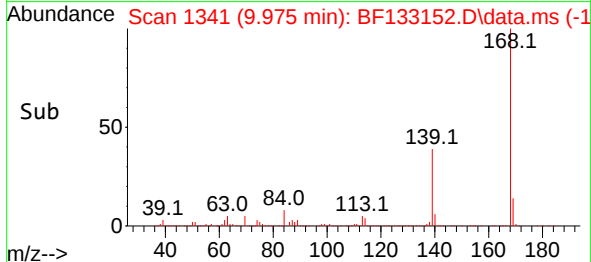
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



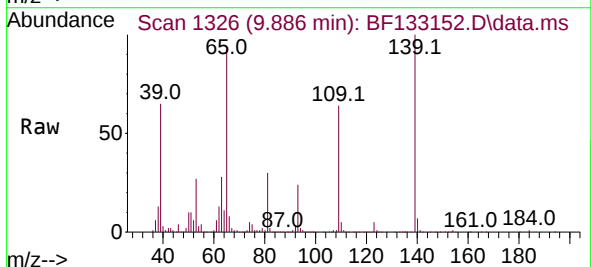
Tgt Ion:168 Resp: 1385359
Ion Ratio Lower Upper
168 100
139 38.9 29.8 44.8
169 13.9 10.8 16.2

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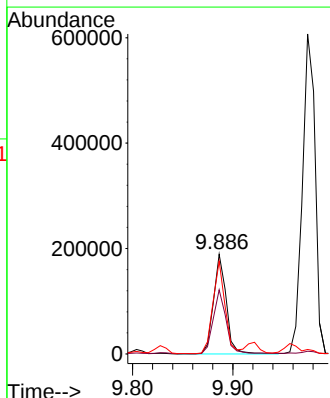
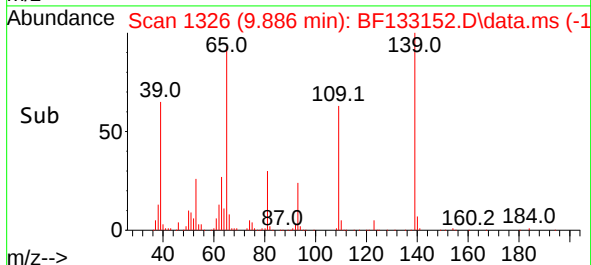
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

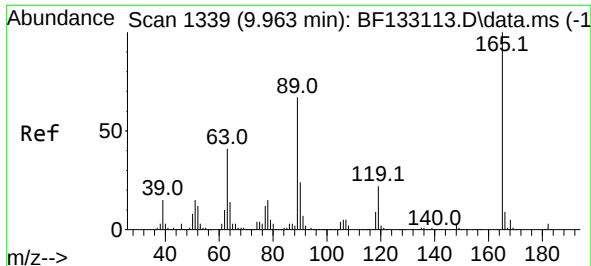


#56
4-Nitrophenol
Concen: 27.194 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



Tgt Ion:139 Resp: 166980
Ion Ratio Lower Upper
139 100
109 64.3 39.4 79.4
65 93.0 57.5 97.5





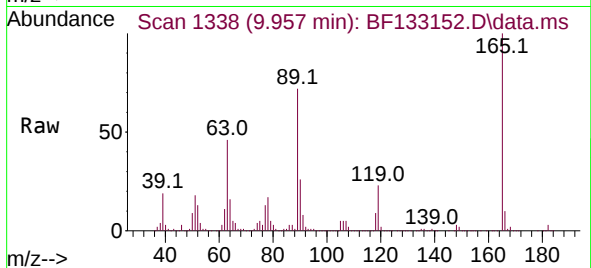
#57
2,4-Dinitrotoluene
Concen: 42.063 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

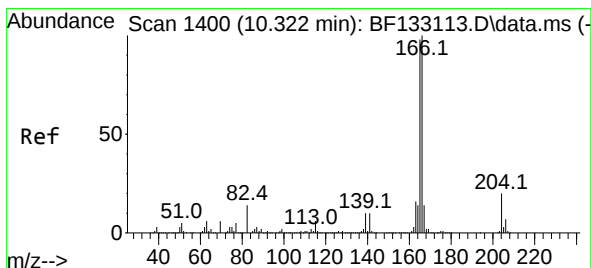
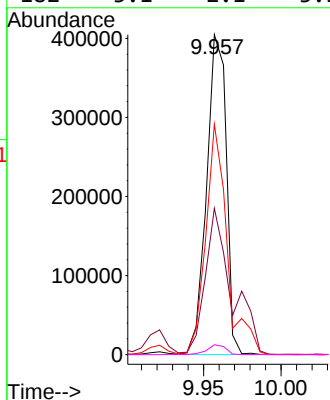
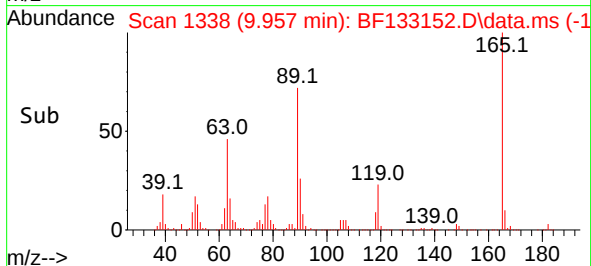


Tgt Ion:165 Resp: 35767
Ion Ratio Lower Upper
165 100
63 45.7 37.7 56.5
89 72.0 57.0 85.4
182 3.1 2.1 3.1#

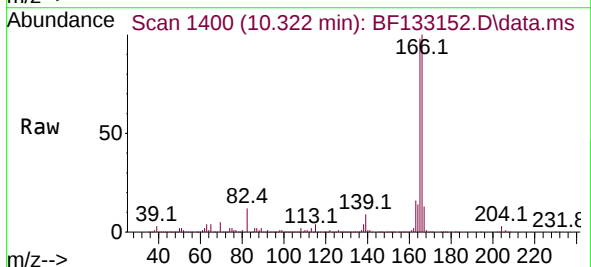
Manual Integrations

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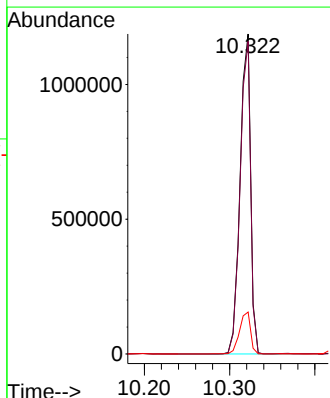
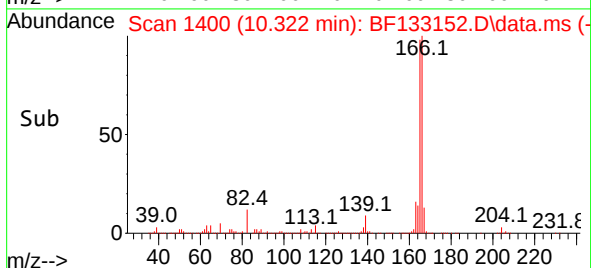
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

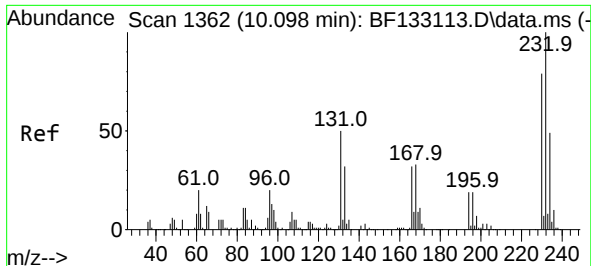


#58
Fluorene
Concen: 38.606 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



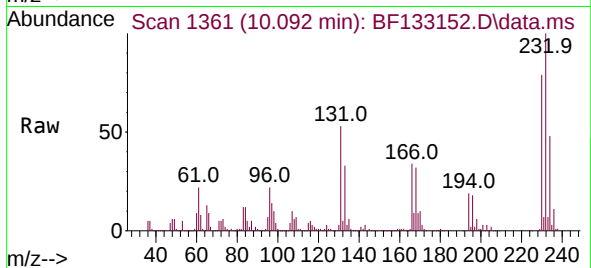
Tgt Ion:166 Resp: 1018120
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 13.1 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.278 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

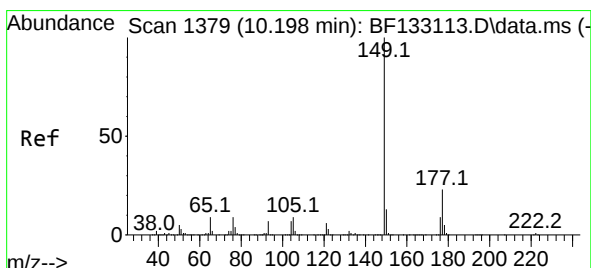
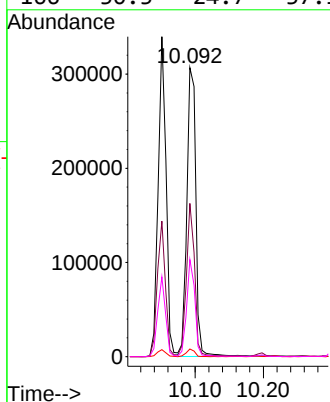
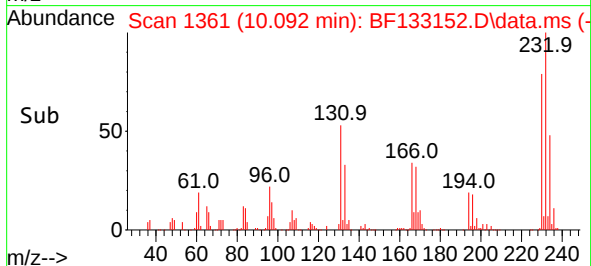
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:232 Resp: 278210
Ion Ratio Lower Upper
232 100
131 48.2 38.0 57.0
130 2.5 1.8 2.8
166 30.3 24.7 37.1

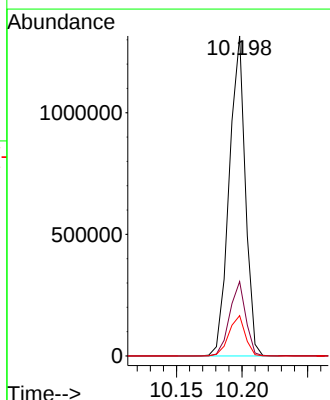
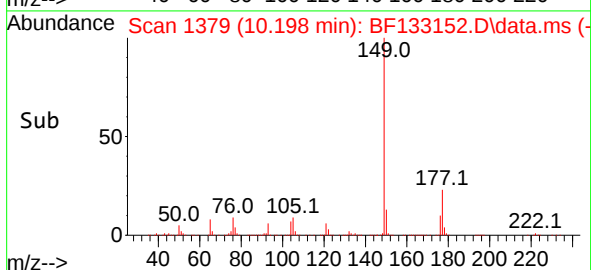
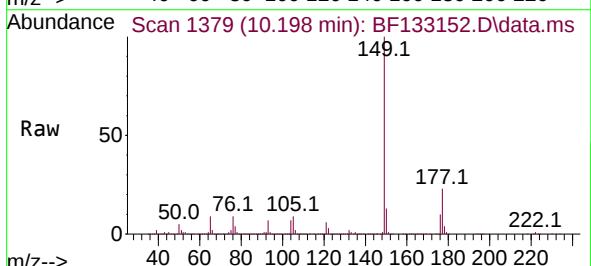
Manual Integrations
APPROVED

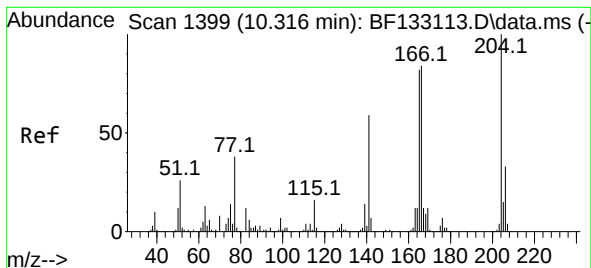
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#60
Diethylphthalate
Concen: 40.176 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

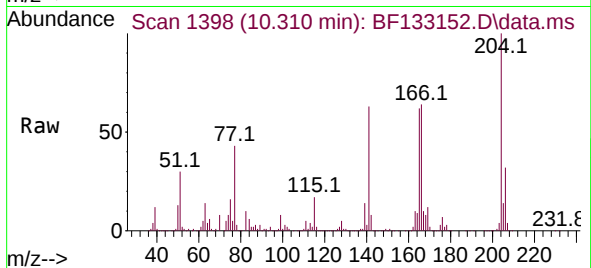
Tgt Ion:149 Resp: 1124204
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.050 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

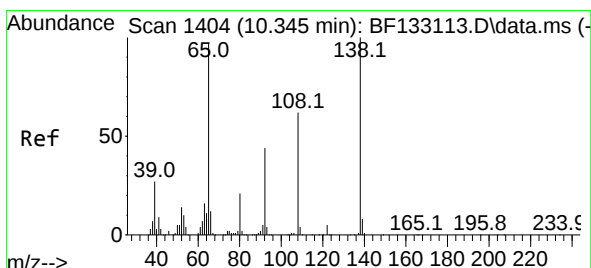
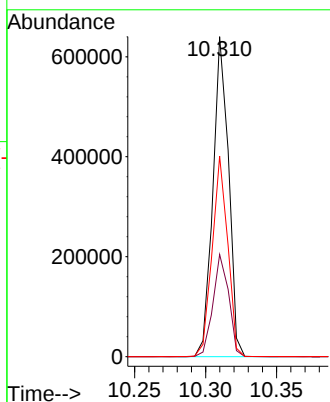
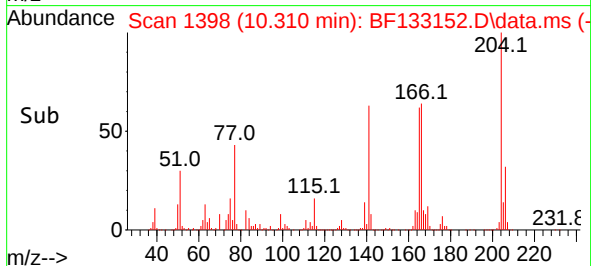
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



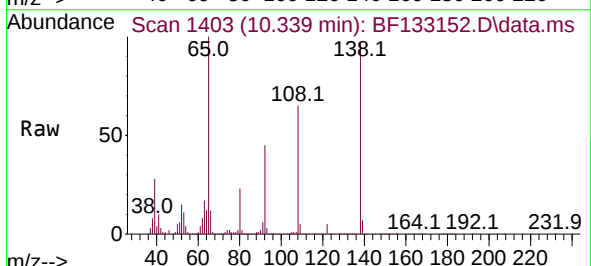
Tgt Ion:204 Resp: 489009
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 62.7 46.1 69.1

Manual Integrations
APPROVED

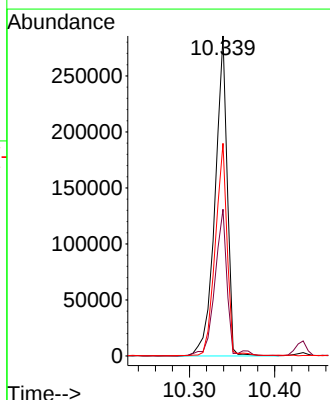
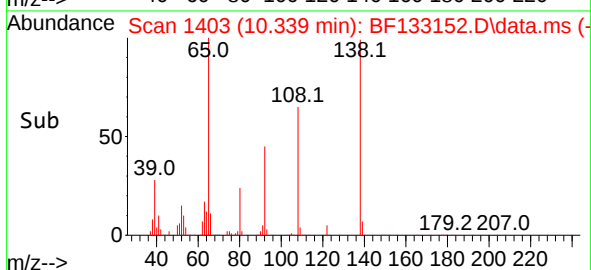
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

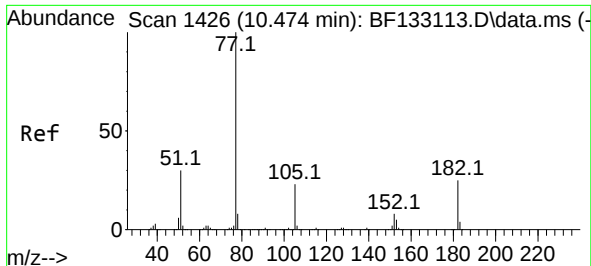


#62
4-Nitroaniline
Concen: 39.138 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



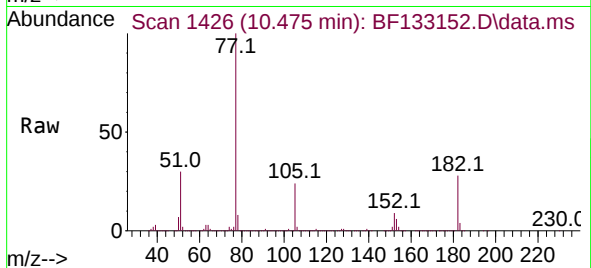
Tgt Ion:138 Resp: 285180
Ion Ratio Lower Upper
138 100
92 45.9 27.7 67.7
108 66.5 45.2 85.2





#63
Azobenzene
Concen: 42.999 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

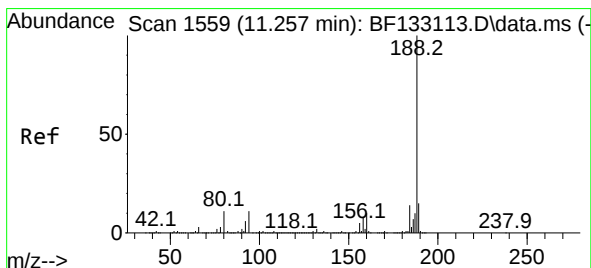
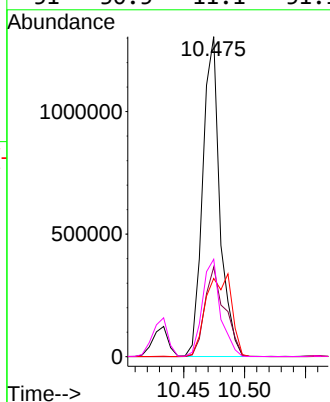
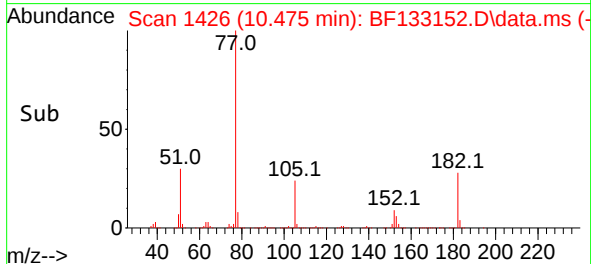
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



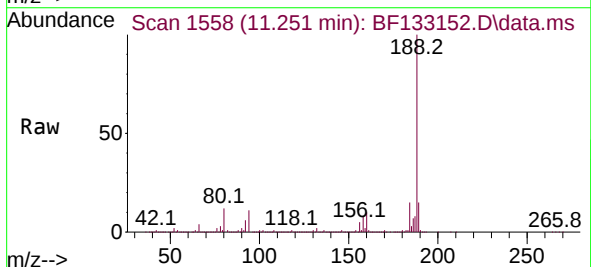
Tgt Ion: 77 Resp: 127460
Ion Ratio Lower Upper
77 100
182 28.0 5.9 45.9
105 24.5 2.3 42.3
51 30.5 11.1 51.1

Manual Integrations
APPROVED

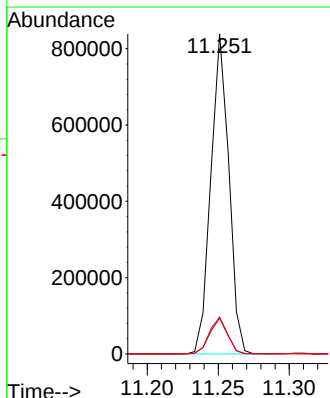
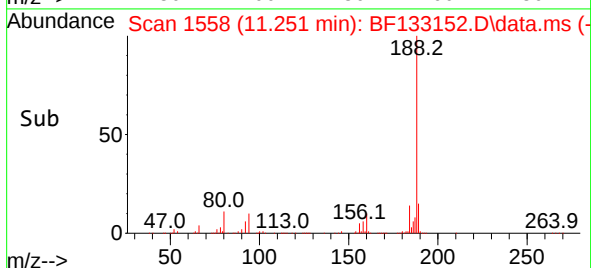
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

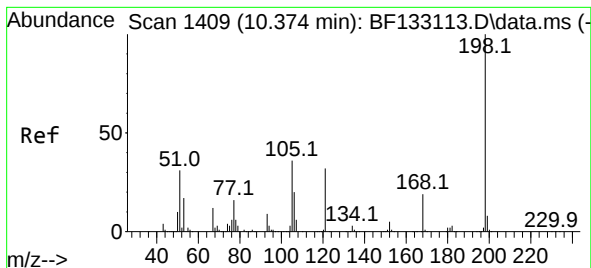


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



Tgt Ion:188 Resp: 739323
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.5 10.4 15.6





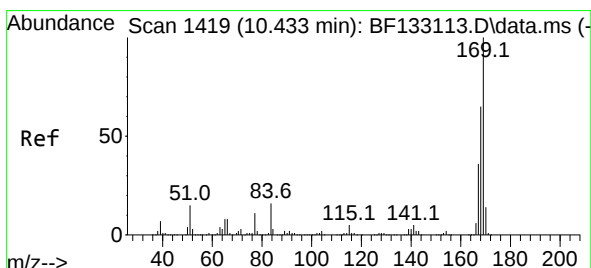
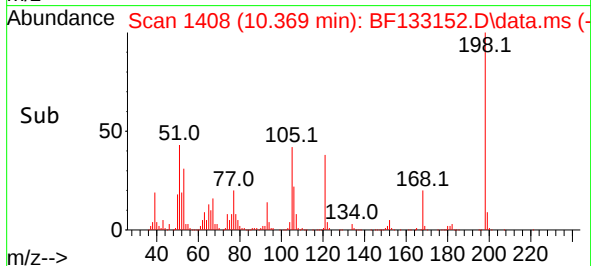
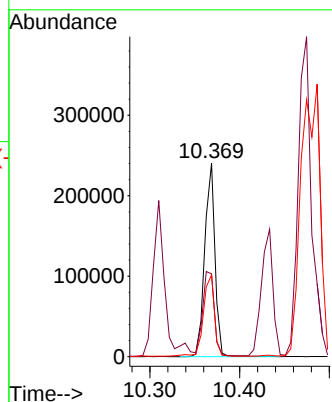
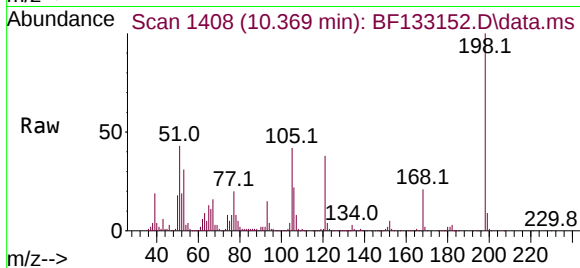
#65
4,6-Dinitro-2-methylphenol
Concen: 42.568 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tgt Ion:198 Resp: 19075
Ion Ratio Lower Upper
198 100
51 42.9 15.5 55.5
105 42.3 16.7 56.7

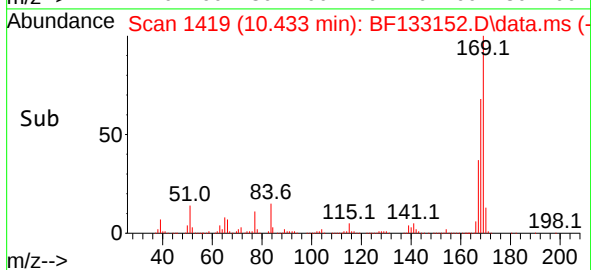
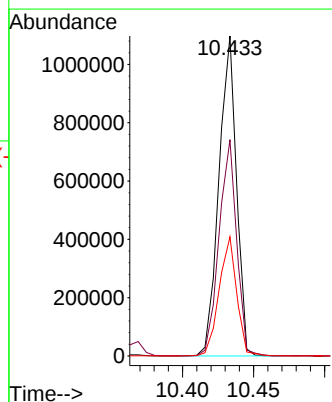
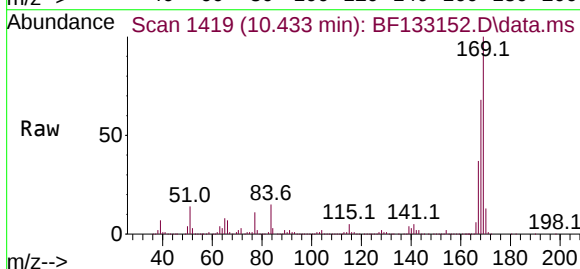
Manual Integrations
APPROVED

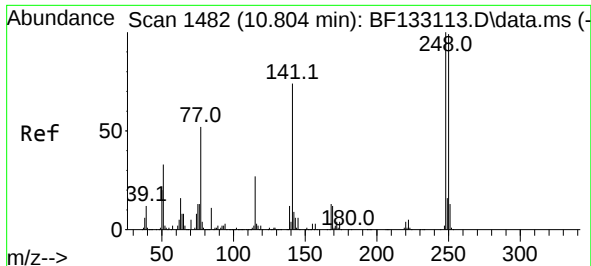
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#66
n-Nitrosodiphenylamine
Concen: 39.295 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

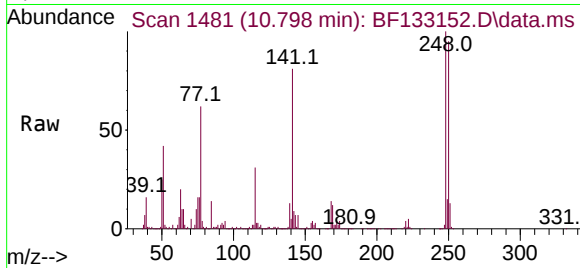
Tgt Ion:169 Resp: 942359
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 37.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 39.382 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

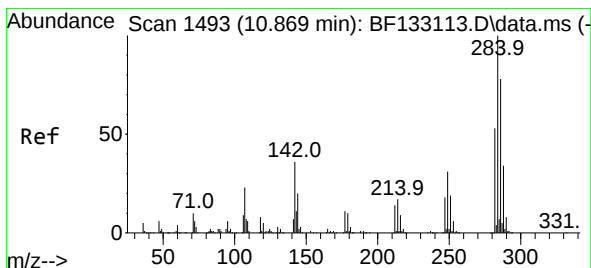
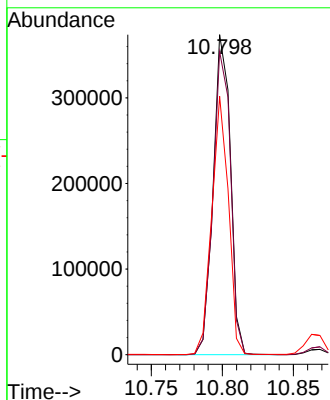
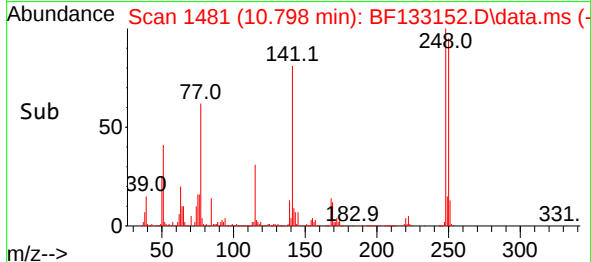
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



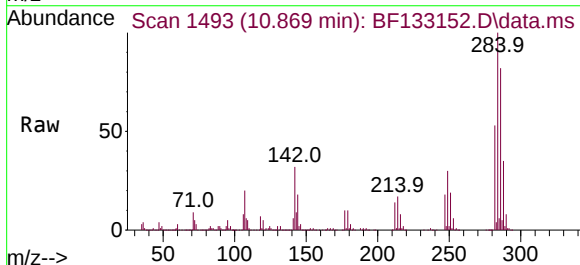
Tgt Ion:248 Resp: 31578
Ion Ratio Lower Upper
248 100
250 94.7 78.7 118.1
141 80.7 56.3 84.5

Manual Integrations
APPROVED

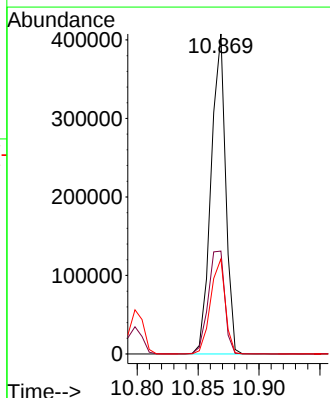
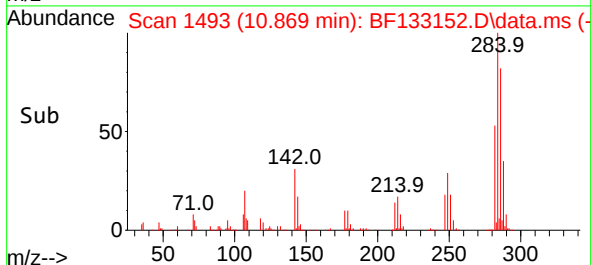
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

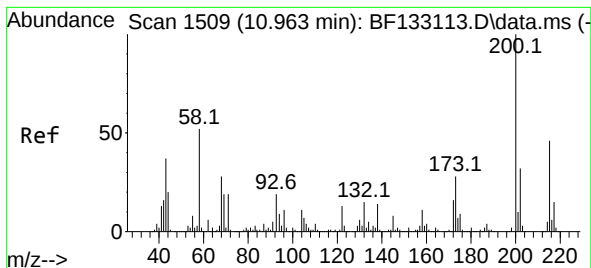


#68
Hexachlorobenzene
Concen: 41.030 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



Tgt Ion:284 Resp: 337115
Ion Ratio Lower Upper
284 100
142 32.1 26.0 39.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 43.627 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

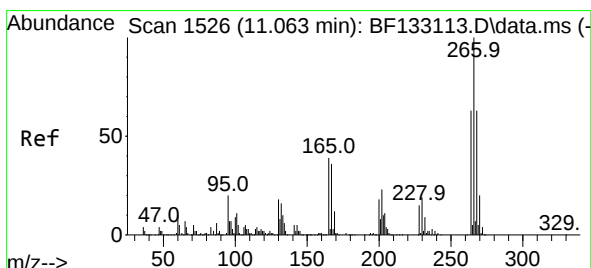
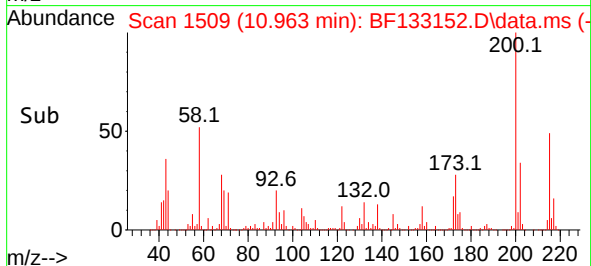
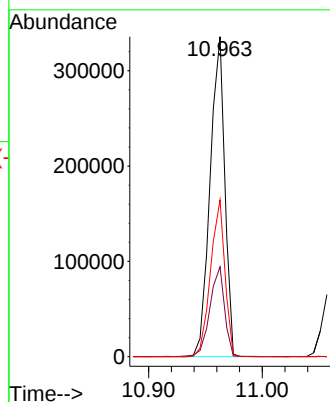
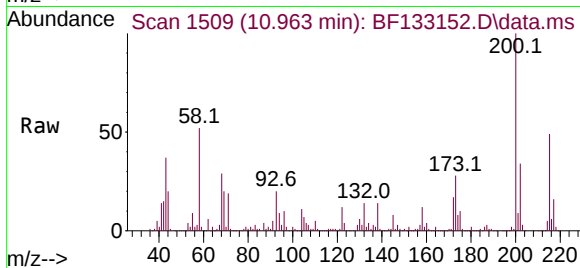
GMW-7MS

Tgt Ion:	200	Resp:	30147
Ion Ratio	Lower	Upper	
200	100		
173	28.1	6.2	46.2
215	49.0	26.3	66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#70

Pentachlorophenol

Concen: 63.232 ng

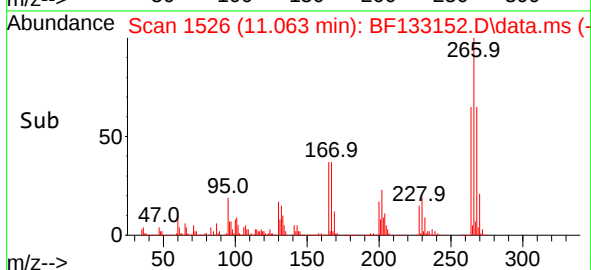
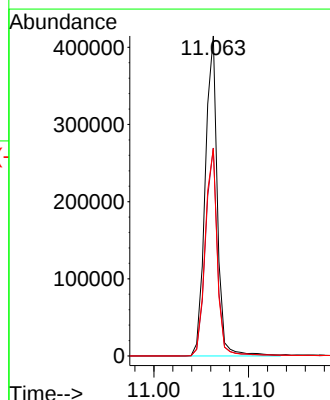
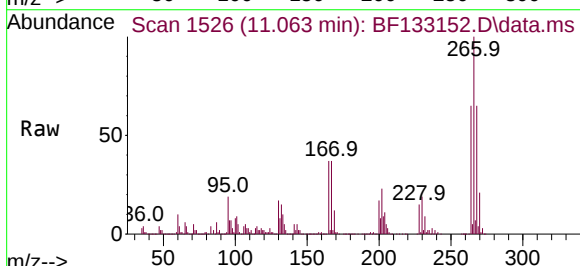
RT: 11.063 min Scan# 1526

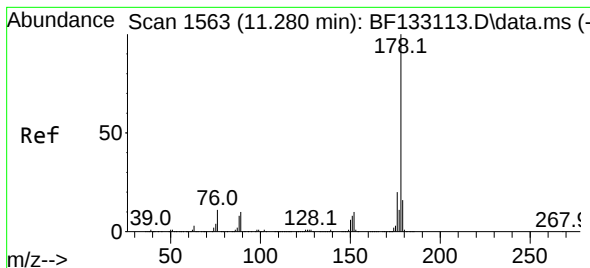
Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

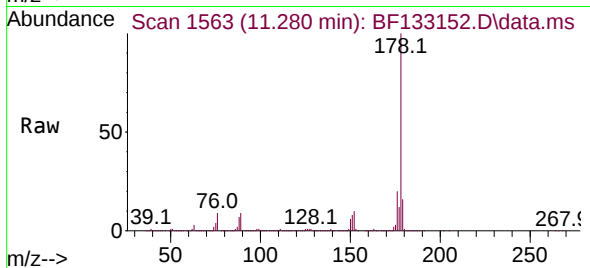
Tgt Ion:	266	Resp:	370011
Ion Ratio	Lower	Upper	
266	100		
268	65.0	48.8	73.2
264	64.8	50.6	76.0





#71
Phenanthrene
Concen: 39.354 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

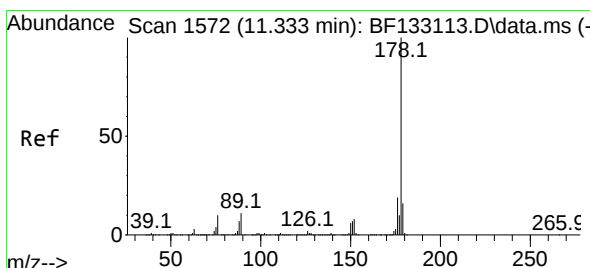
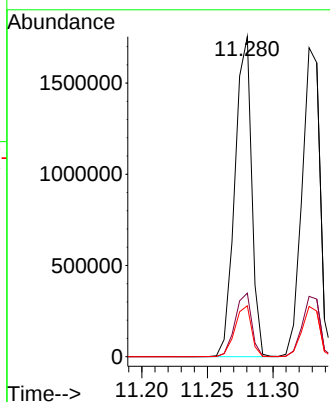
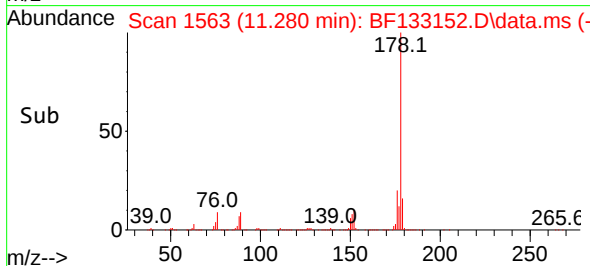
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:178 Resp: 1563790
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.9 12.5 18.7

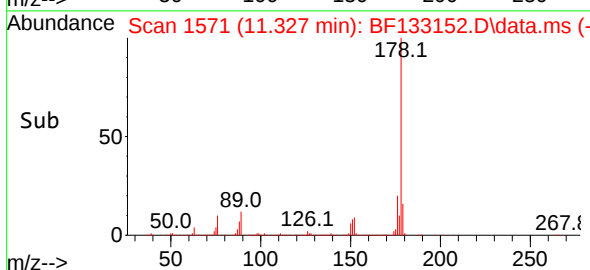
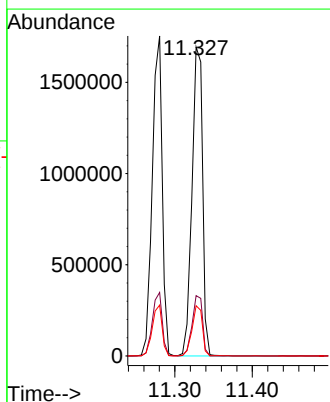
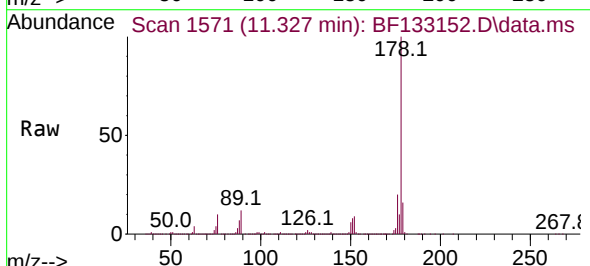
Manual Integrations
APPROVED

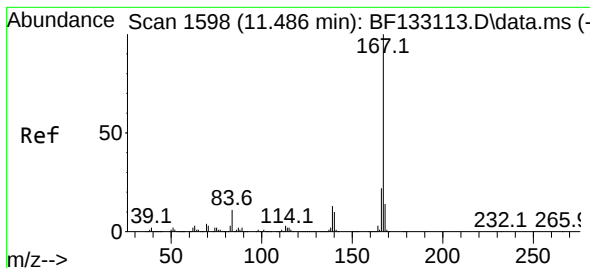
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#72
Anthracene
Concen: 39.478 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

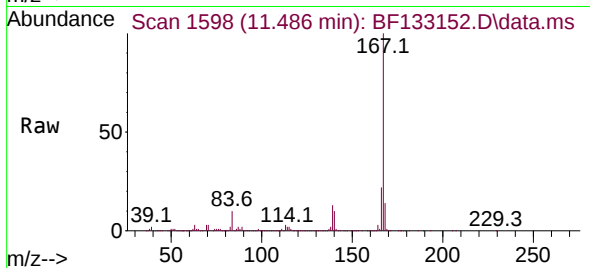
Tgt Ion:178 Resp: 1605387
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.3 12.4 18.6





#73
 Carbazole
 Concen: 39.387 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133152.D
 Acq: 01 May 2023 13:18

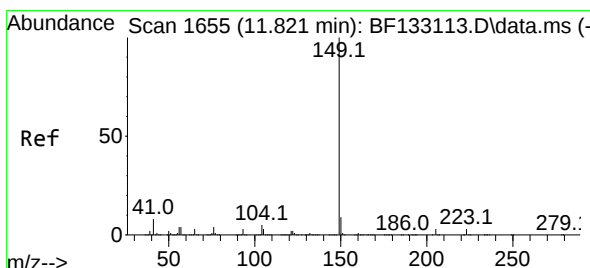
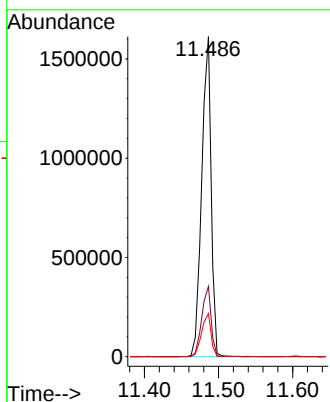
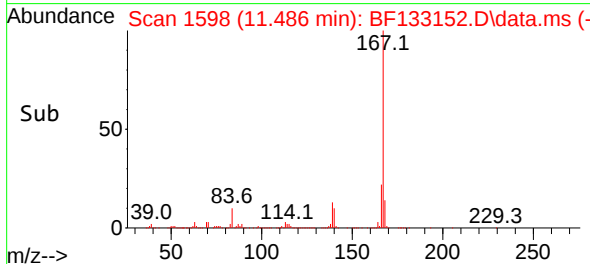
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS



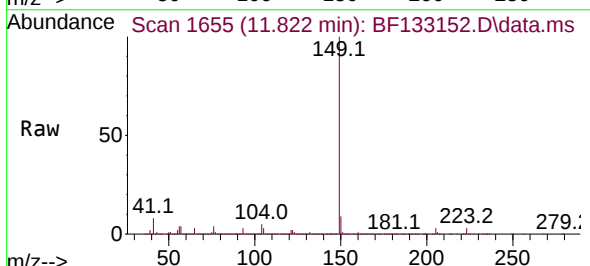
Tgt Ion:167 Resp: 1426208
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.5 10.6 16.0

Manual Integrations
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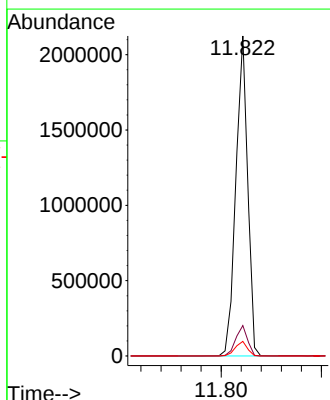
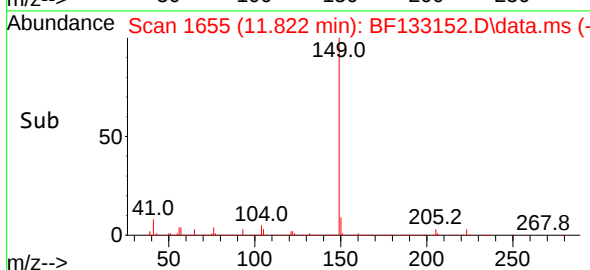
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

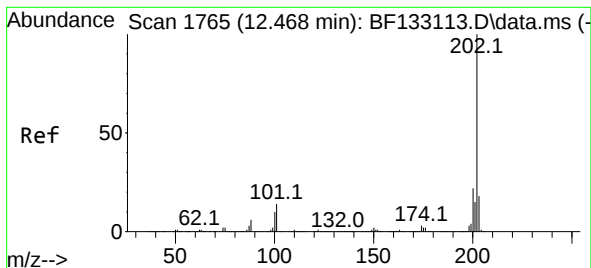


#74
 Di-n-butylphthalate
 Concen: 42.244 ng
 RT: 11.822 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF133152.D
 Acq: 01 May 2023 13:18



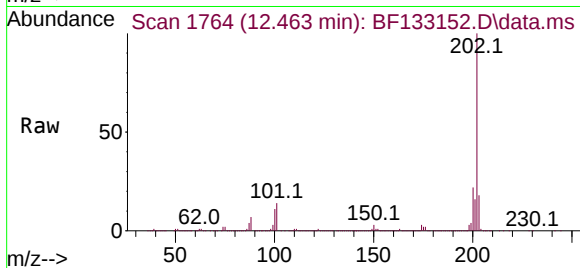
Tgt Ion:149 Resp: 1731043
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.6 4.0 6.0





#75
Fluoranthene
Concen: 37.936 ng
RT: 12.463 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

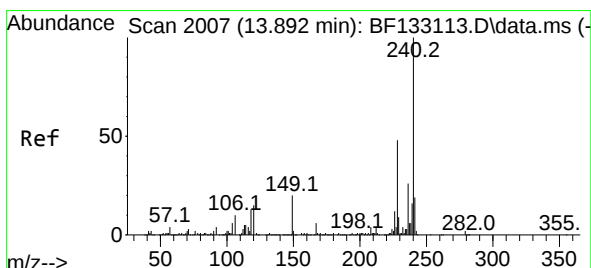
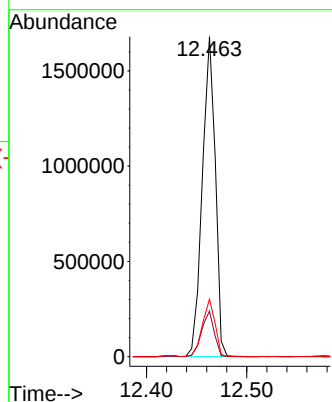
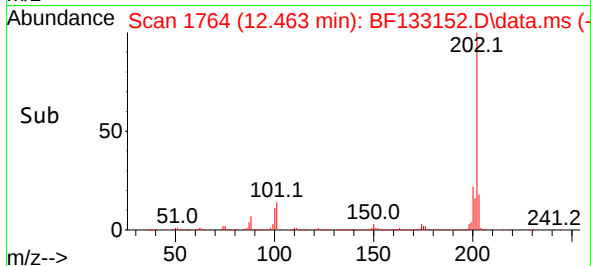
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



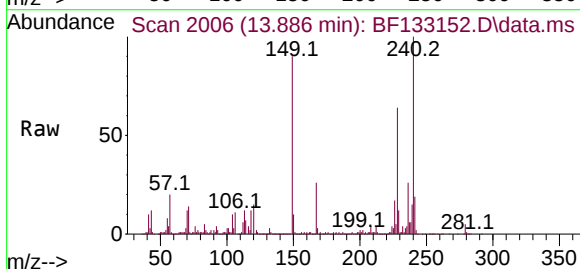
Tgt Ion:202 Resp: 151287
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.3
203 18.0 0.0 38.1

Manual Integrations
APPROVED

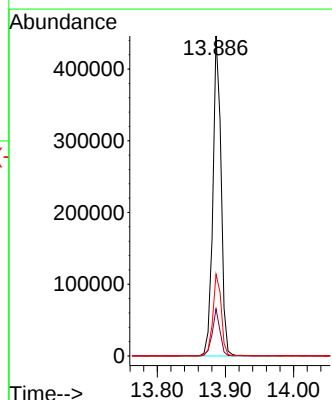
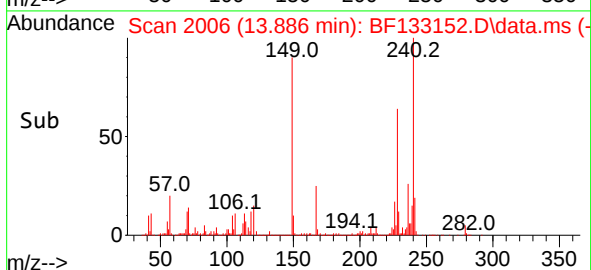
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

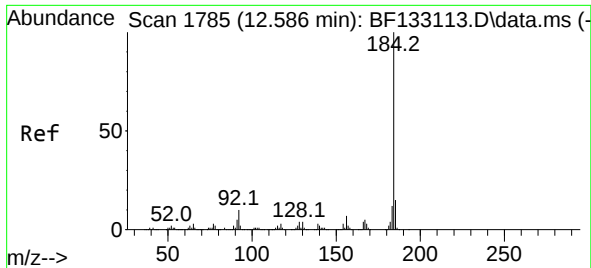


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



Tgt Ion:240 Resp: 372991
Ion Ratio Lower Upper
240 100
120 14.8 10.5 15.7
236 25.5 21.5 32.3





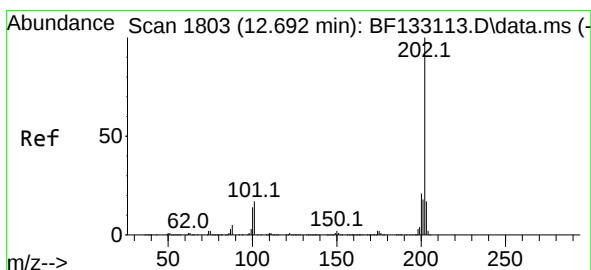
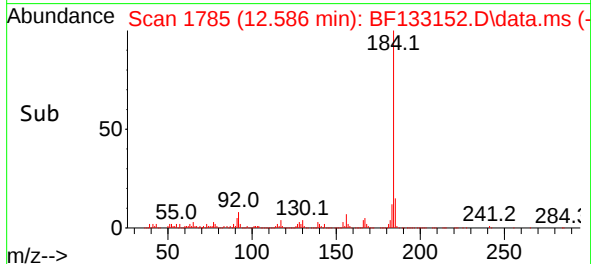
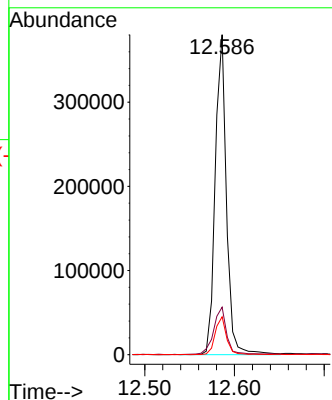
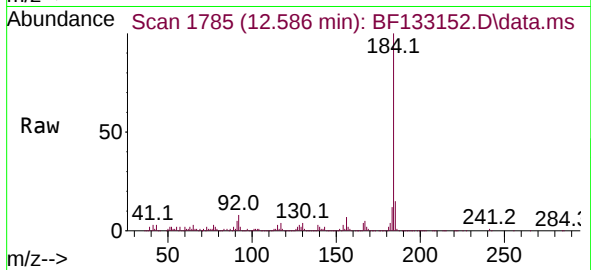
#77
Benzidine
Concen: 52.338 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tgt Ion:184 Resp: 33012
Ion Ratio Lower Upper
184 100
185 14.8 15.4 23.2
183 11.8 9.4 14.0

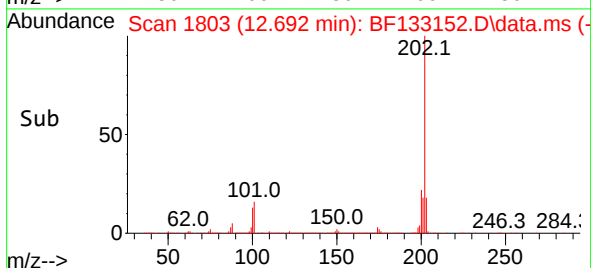
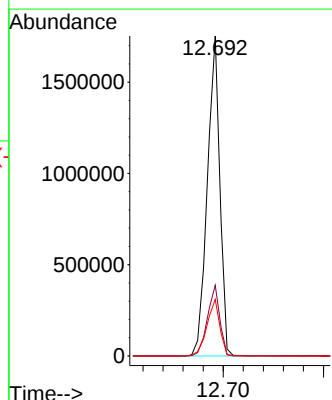
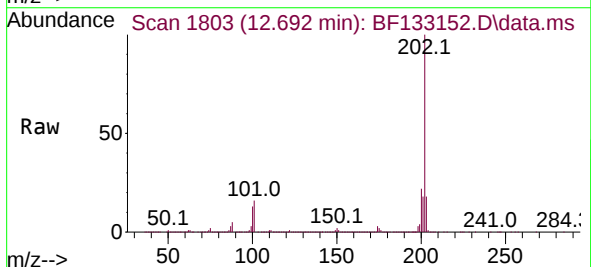
Manual Integrations
APPROVED

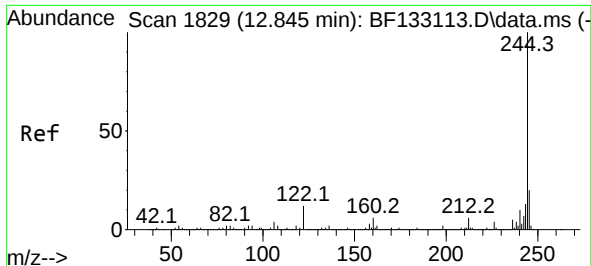
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#78
Pyrene
Concen: 47.794 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

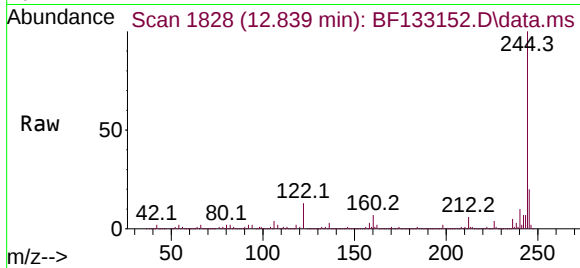
Tgt Ion:202 Resp: 1528170
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 93.730 ng
 RT: 12.839 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BF133152.D
 Acq: 01 May 2023 13:18

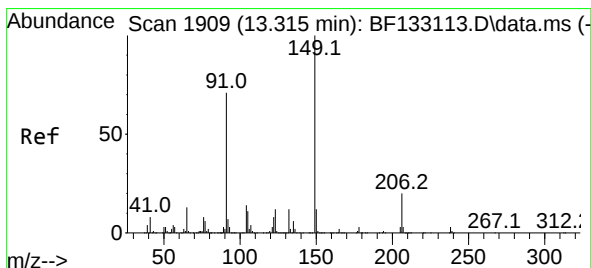
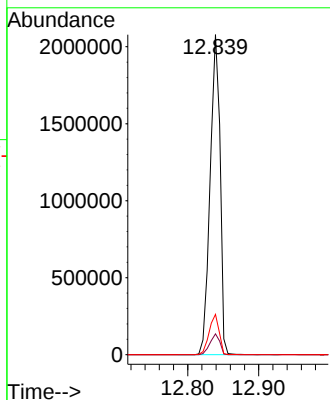
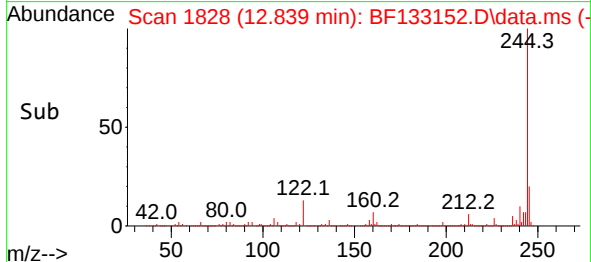
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS



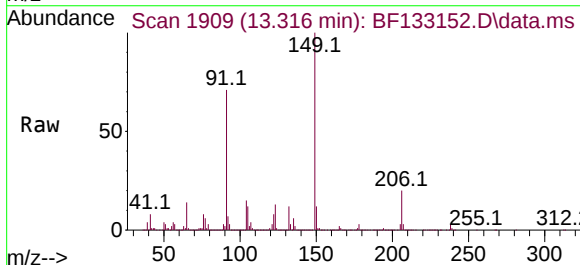
Tgt Ion:244 Resp: 2027079
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.6 8.6 13.0

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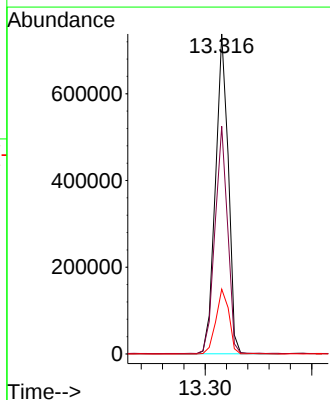
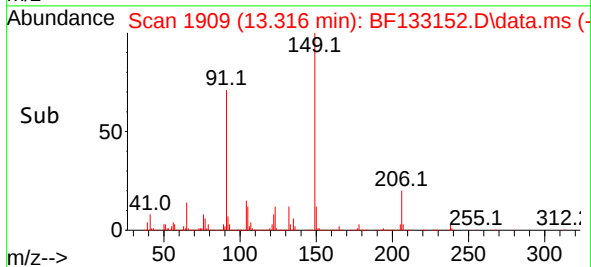
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

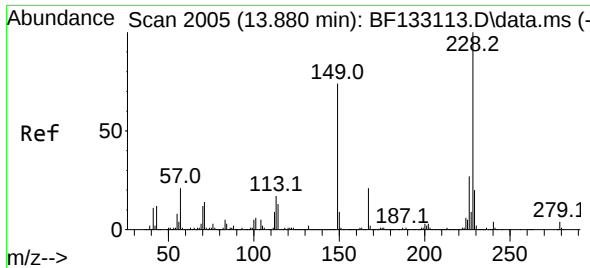


#80
 Butylbenzylphthalate
 Concen: 54.030 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133152.D
 Acq: 01 May 2023 13:18



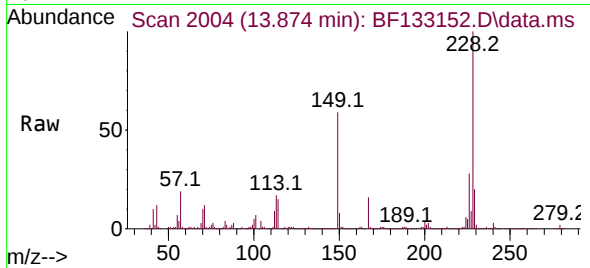
Tgt Ion:149 Resp: 611682
 Ion Ratio Lower Upper
 149 100
 91 71.2 53.8 80.6
 206 20.3 17.5 26.3





#81
Benzo(a)anthracene
Concen: 40.054 ng
RT: 13.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

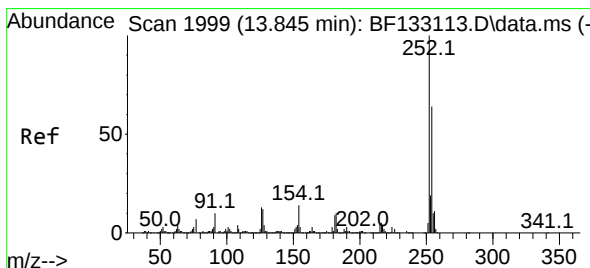
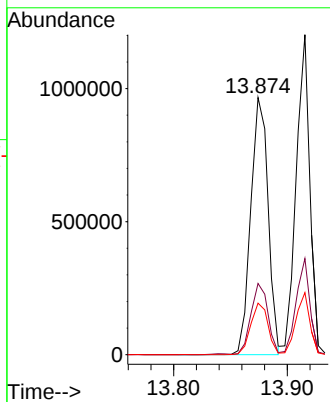
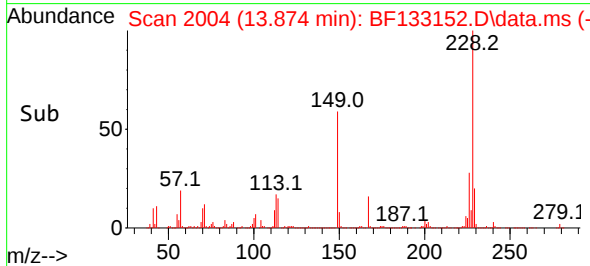
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



Tgt Ion:228 Resp: 102736
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.0 16.0 24.0

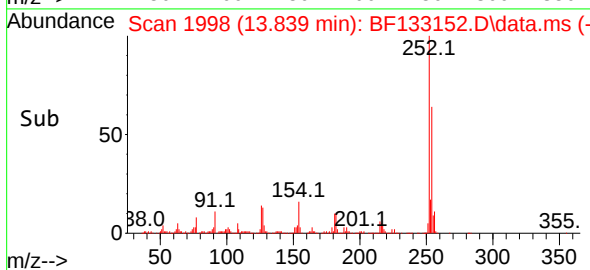
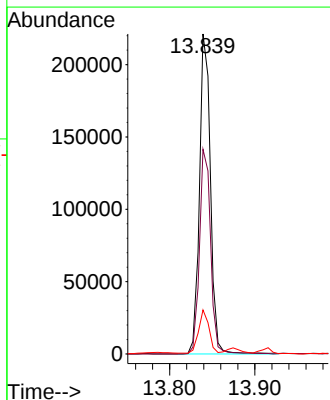
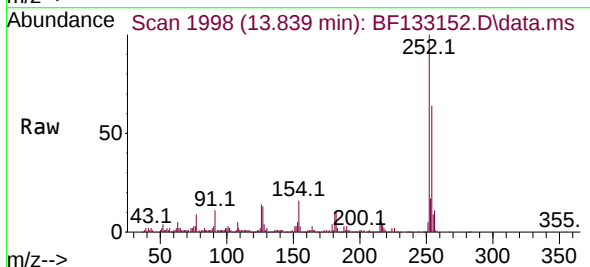
Manual Integrations
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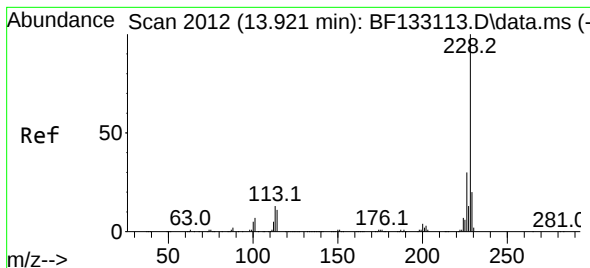
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#82
3,3'-Dichlorobenzidine
Concen: 27.938 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

Tgt Ion:252 Resp: 197957
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 13.7 9.5 14.3





#83

Chrysene

Concen: 39.420 ng

RT: 13.916 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

Tgt Ion:228 Resp: 101084

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

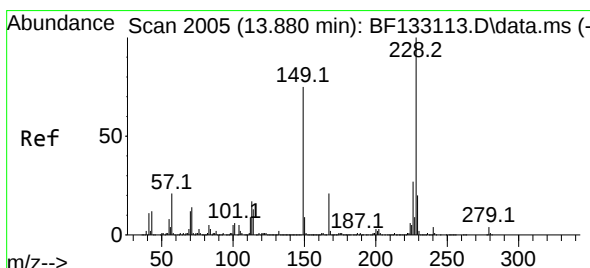
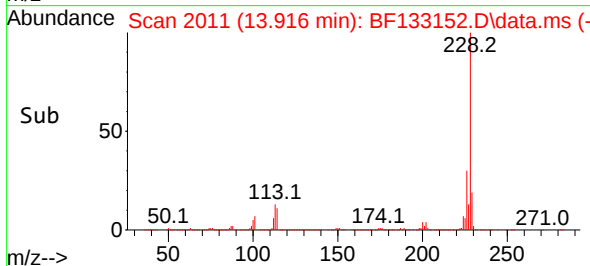
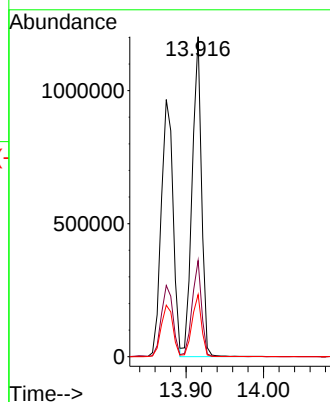
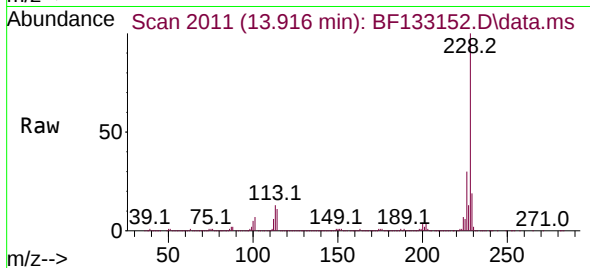
229 19.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.447 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

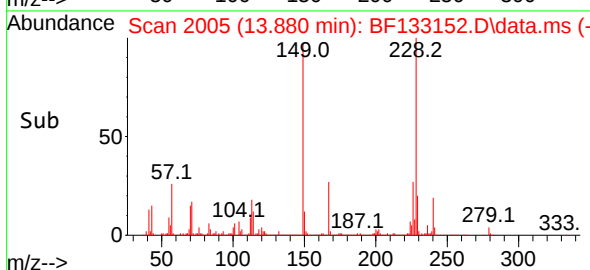
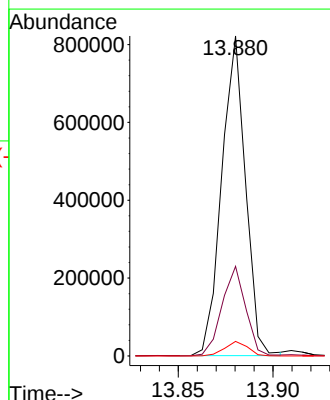
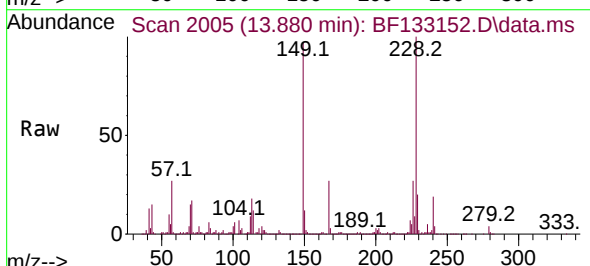
Tgt Ion:149 Resp: 716852

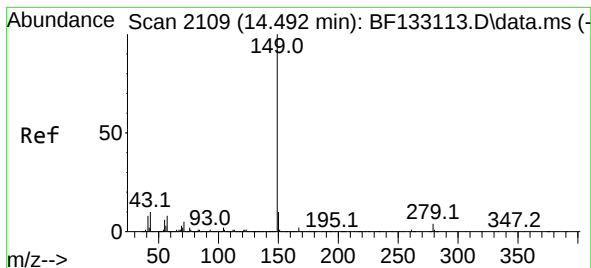
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

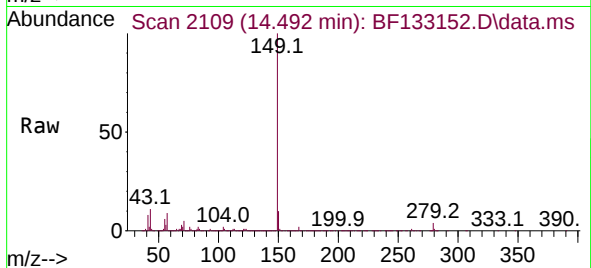
279 4.5 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 50.133 ng
RT: 14.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

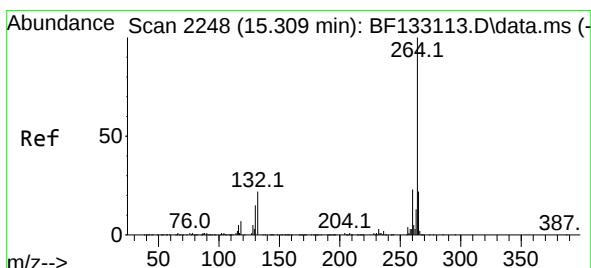
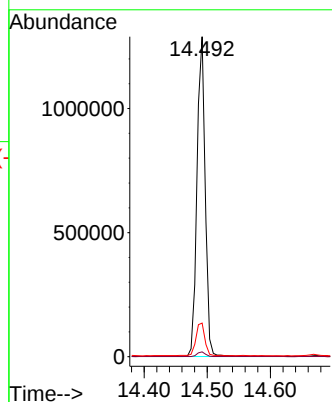
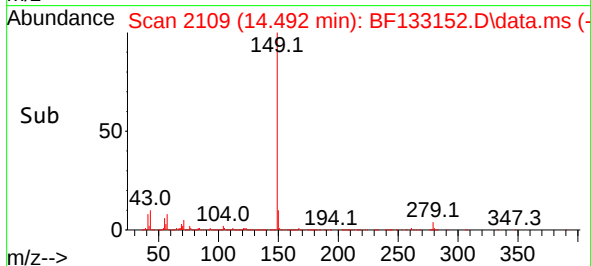
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



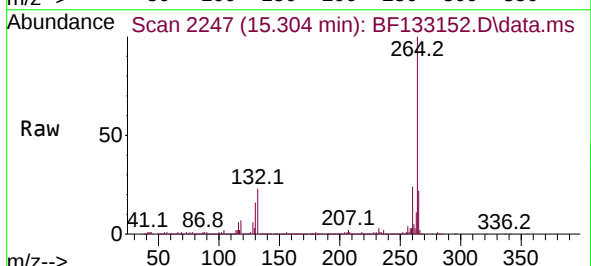
Tgt Ion:149 Resp: 116159
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.5 14.3

Manual Integrations
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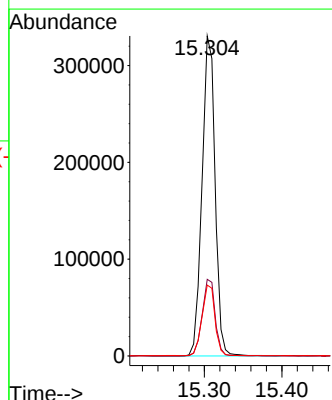
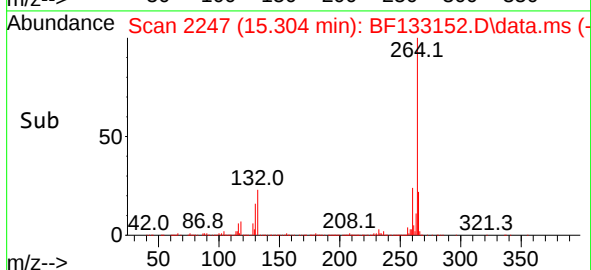
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

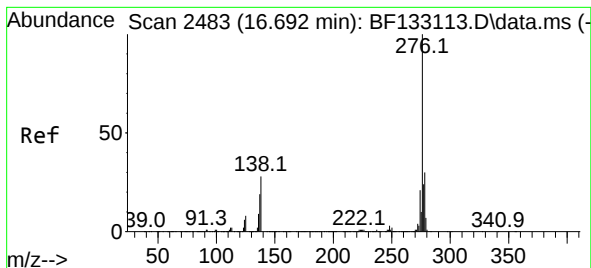


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



Tgt Ion:264 Resp: 387375
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.397 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

Tgt Ion:276 Resp: 1132520

Ion Ratio Lower Upper

276 100

138 31.7 25.5 38.3

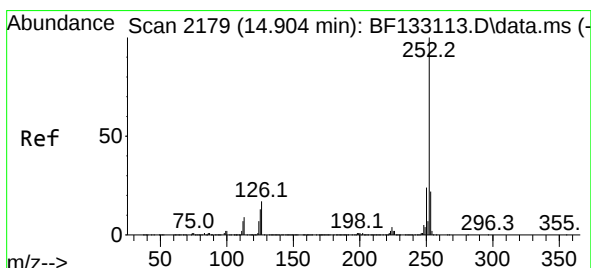
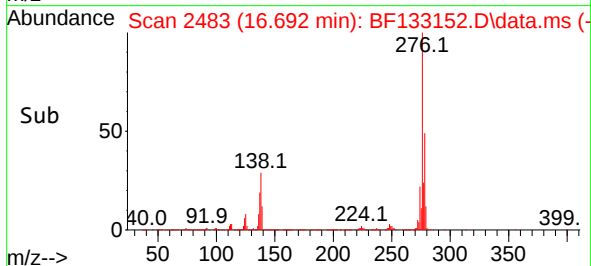
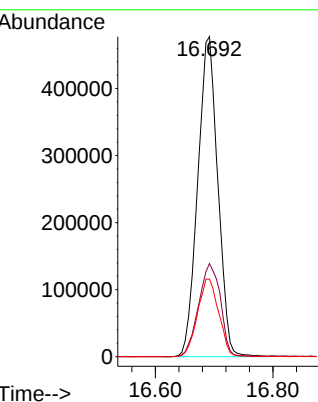
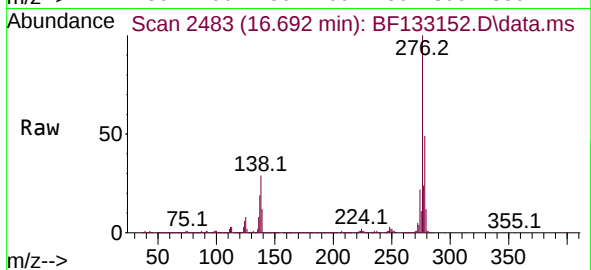
277 25.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#88

Benzo(b)fluoranthene

Concen: 38.694 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

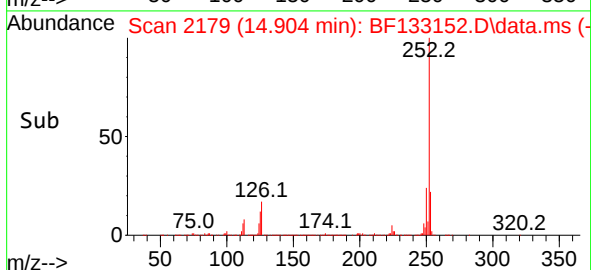
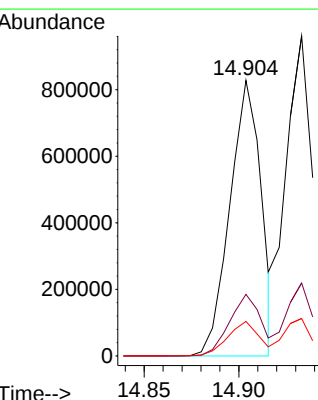
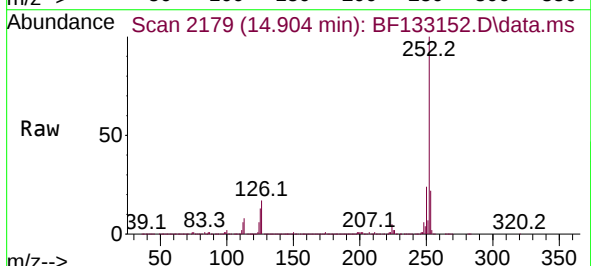
Tgt Ion:252 Resp: 953584

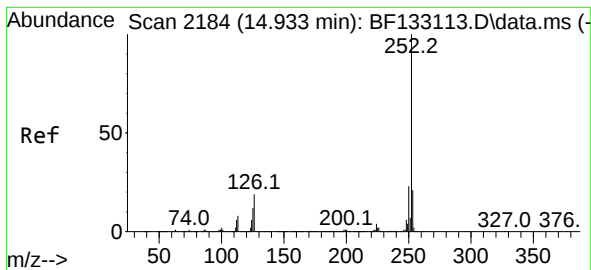
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 12.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 38.553 ng

RT: 14.933 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

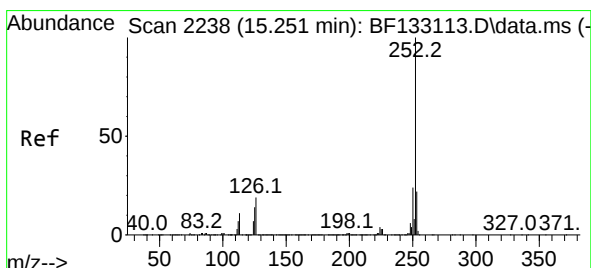
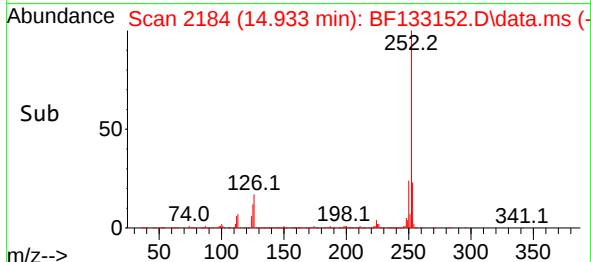
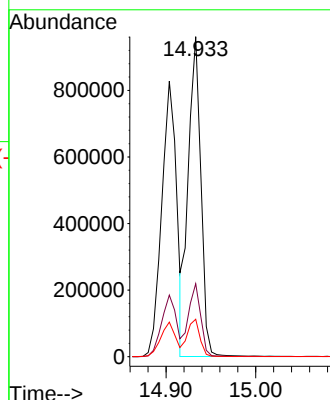
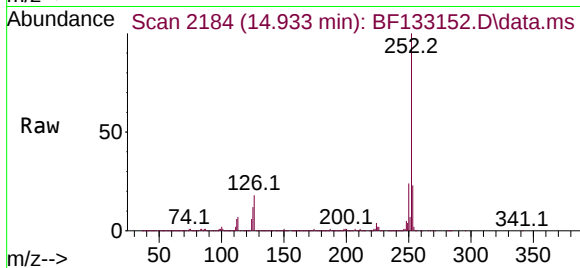
GMW-7MS

Tgt Ion:252 Resp: 941838
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.7 26.5
 125 11.7 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#90

Benzo(a)pyrene

Concen: 38.330 ng

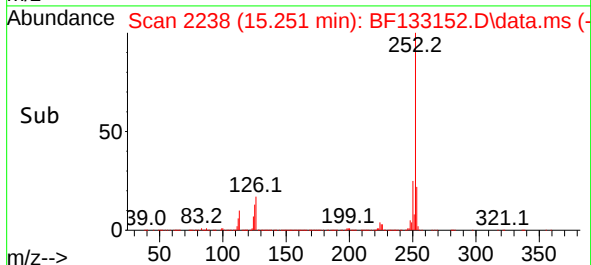
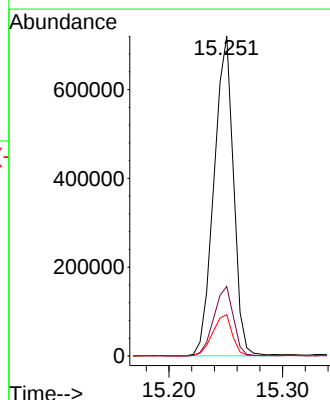
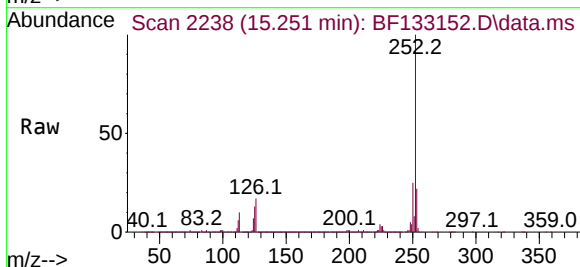
RT: 15.251 min Scan# 2238

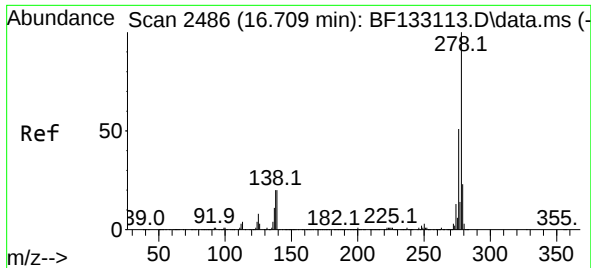
Delta R.T. 0.000 min

Lab File: BF133152.D

Acq: 01 May 2023 13:18

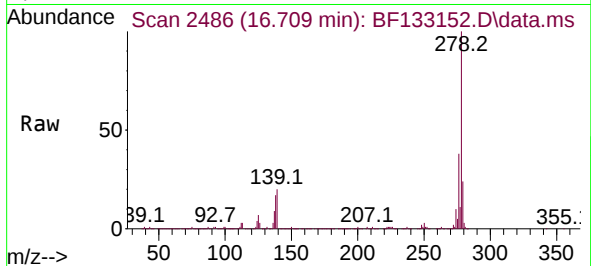
Tgt Ion:252 Resp: 859791
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.7 26.5
 125 12.9 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 52.031 ng
RT: 16.709 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18

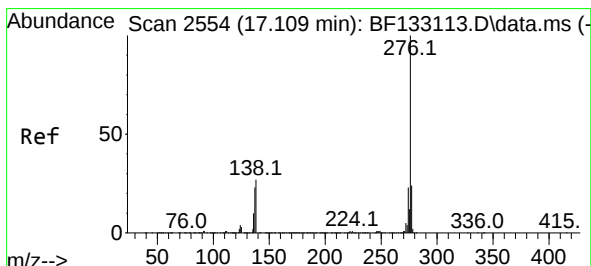
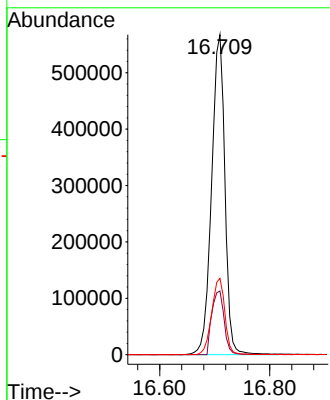
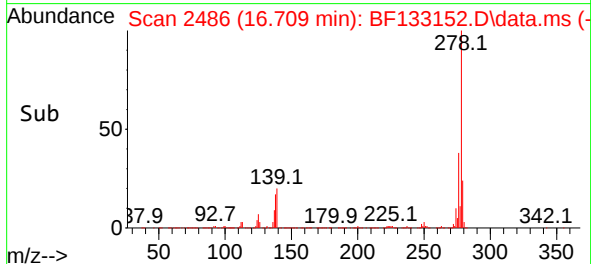
Instrument :
BNA_F
ClientSampleId :
GMW-7MS



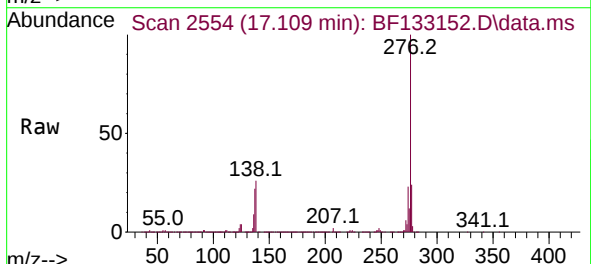
Tgt Ion: 278 Resp: 95622
Ion Ratio Lower Upper
278 100
139 19.9 16.6 24.8
279 23.9 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/02/2023
Supervised By : Jagrut Upadhyay 05/02/2023



#92
Benzo(g,h,i)perylene
Concen: 51.417 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF133152.D
Acq: 01 May 2023 13:18



Tgt Ion: 276 Resp: 932892
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 26.1 22.7 34.1

