

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133188.D
 Acq On : 02 May 2023 14:45
 Operator : CG\JU
 Sample : 02270-26MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MS

Quant Time: May 03 04:52:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	204532	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	827271	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	431750	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	762136	20.000	ng	0.00
76) Chrysene-d12	13.886	240	437026	20.000	ng	0.00
86) Perylene-d12	15.303	264	382906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1438506	106.244	ng	0.02
7) Phenol-d6	6.381	99	1775506	105.650	ng	0.00
23) Nitrobenzene-d5	7.298	82	1081178	70.543	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	450980	103.863	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1914148	74.172	ng	0.00
79) Terphenyl-d14	12.839	244	2105496	83.091	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	301428	47.997	ng	97
3) Pyridine	3.198	79	737687	44.225	ng	96
4) n-Nitrosodimethylamine	3.157	42	394968	45.715	ng	94
6) Aniline	6.398	93	301141	13.913	ng	# 1
8) 2-Chlorophenol	6.516	128	700008	50.920	ng	98
9) Benzaldehyde	6.275	77	408872	64.864	ng	98
10) Phenol	6.392	94	836494	45.119	ng	99
11) bis(2-Chloroethyl)ether	6.469	93	907025	65.196	ng	99
12) 1,3-Dichlorobenzene	6.675	146	723602	49.508	ng	96
13) 1,4-Dichlorobenzene	6.751	146	734070	50.113	ng	97
14) 1,2-Dichlorobenzene	6.904	146	700914	51.901	ng	99
15) Benzyl Alcohol	6.880	79	579022	49.878	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1068924	44.236	ng	95
17) 2-Methylphenol	6.998	107	578442	45.952	ng	98
18) Hexachloroethane	7.245	117	256837	50.432	ng	98
19) n-Nitroso-di-n-propyla...	7.157	70	452451	43.246	ng	93
20) 3+4-Methylphenols	7.151	107	695785	46.935	ng	# 83
22) Acetophenone	7.145	105	940463	49.076	ng	# 96
24) Nitrobenzene	7.316	77	709679	45.695	ng	97
25) Isophorone	7.557	82	1318142	45.298	ng	99
26) 2-Nitrophenol	7.633	139	389213	51.958	ng	97
27) 2,4-Dimethylphenol	7.680	122	633272	49.302	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	796650	46.277	ng	99
29) 2,4-Dichlorophenol	7.880	162	566550	48.451	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	591566	48.833	ng	99
31) Naphthalene	8.039	128	1942382	46.962	ng	99
32) Benzoic acid	7.822	122	471364	59.410	ng	98
33) 4-Chloroaniline	8.086	127	206423m	12.352	ng	
34) Hexachlorobutadiene	8.157	225	317069	47.224	ng	100
35) Caprolactam	8.463	113	208303m	53.028	ng	
36) 4-Chloro-3-methylphenol	8.580	107	621463	49.285	ng	96
37) 2-Methylnaphthalene	8.727	142	1280002	45.266	ng	98
38) 1-Methylnaphthalene	8.827	142	1204750	45.543	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	523737	45.117	ng	99
41) Hexachlorocyclopentadiene	8.886	237	624730	92.277	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	387835	48.310	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	421095	45.353	ng	96
46) 1,1'-Biphenyl	9.192	154	1565198	45.718	ng	100
47) 2-Chloronaphthalene	9.216	162	1200214	47.897	ng	99
48) 2-Nitroaniline	9.316	65	376788	45.497	ng	96
49) Acenaphthylene	9.633	152	1806119	45.108	ng	99
50) Dimethylphthalate	9.498	163	1404490	46.653	ng	100
51) 2,6-Dinitrotoluene	9.557	165	328663	48.505	ng	96
52) Acenaphthene	9.804	154	1346757m	50.221	ng	
53) 3-Nitroaniline	9.727	138	252855	31.385	ng	94
54) 2,4-Dinitrophenol	9.833	184	388672	114.118	ng	97
55) Dibenzofuran	9.974	168	1638762	44.799	ng	98
56) 4-Nitrophenol	9.904	139	607417	97.342	ng	97
57) 2,4-Dinitrotoluene	9.963	165	424583	49.135	ng	94
58) Fluorene	10.321	166	1210246	45.158	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	339471	47.161	ng	98
60) Diethylphthalate	10.198	149	1302803	45.815	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	581007	44.487	ng	96
62) 4-Nitroaniline	10.345	138	329267	44.466	ng	96
63) Azobenzene	10.468	77	1373704	45.602	ng	98
65) 4,6-Dinitro-2-methylph...	10.368	198	259251	56.121	ng	80
66) n-Nitrosodiphenylamine	10.433	169	1111359	44.955	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	373421	45.177	ng	96
68) Hexachlorobenzene	10.868	284	404893	47.804	ng	97
69) Atrazine	10.963	200	370658	52.034	ng	99
70) Pentachlorophenol	11.063	266	482102	79.922	ng	98
71) Phenanthrene	11.280	178	1842795	44.987	ng	99
72) Anthracene	11.327	178	1885161	44.970	ng	99
73) Carbazole	11.486	167	1706947	45.729	ng	100
74) Di-n-butylphthalate	11.821	149	2035789	48.194	ng	99
75) Fluoranthene	12.462	202	1833961	44.610	ng	99
77) Benzidine	12.586	184	507377	68.654	ng	# 93
78) Pyrene	12.692	202	1882556	50.251	ng	99
80) Butylbenzylphthalate	13.315	149	815615	61.487	ng	99
81) Benzo(a)anthracene	13.874	228	1353766	45.046	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	379292	45.686	ng	98
83) Chrysene	13.915	228	1355474	45.114	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	925257	55.572	ng	99
85) Di-n-octyl phthalate	14.486	149	1614766	59.480	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1349485	61.958	ng	99
88) Benzo(b)fluoranthene	14.903	252	1193773	49.005	ng	99
89) Benzo(k)fluoranthene	14.933	252	1108892	45.921	ng	100
90) Benzo(a)pyrene	15.245	252	1003816	45.273	ng	98
91) Dibenzo(a,h)anthracene	16.703	278	1120860	61.701	ng	100
92) Benzo(g,h,i)perylene	17.109	276	1142442	63.701	ng	97

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

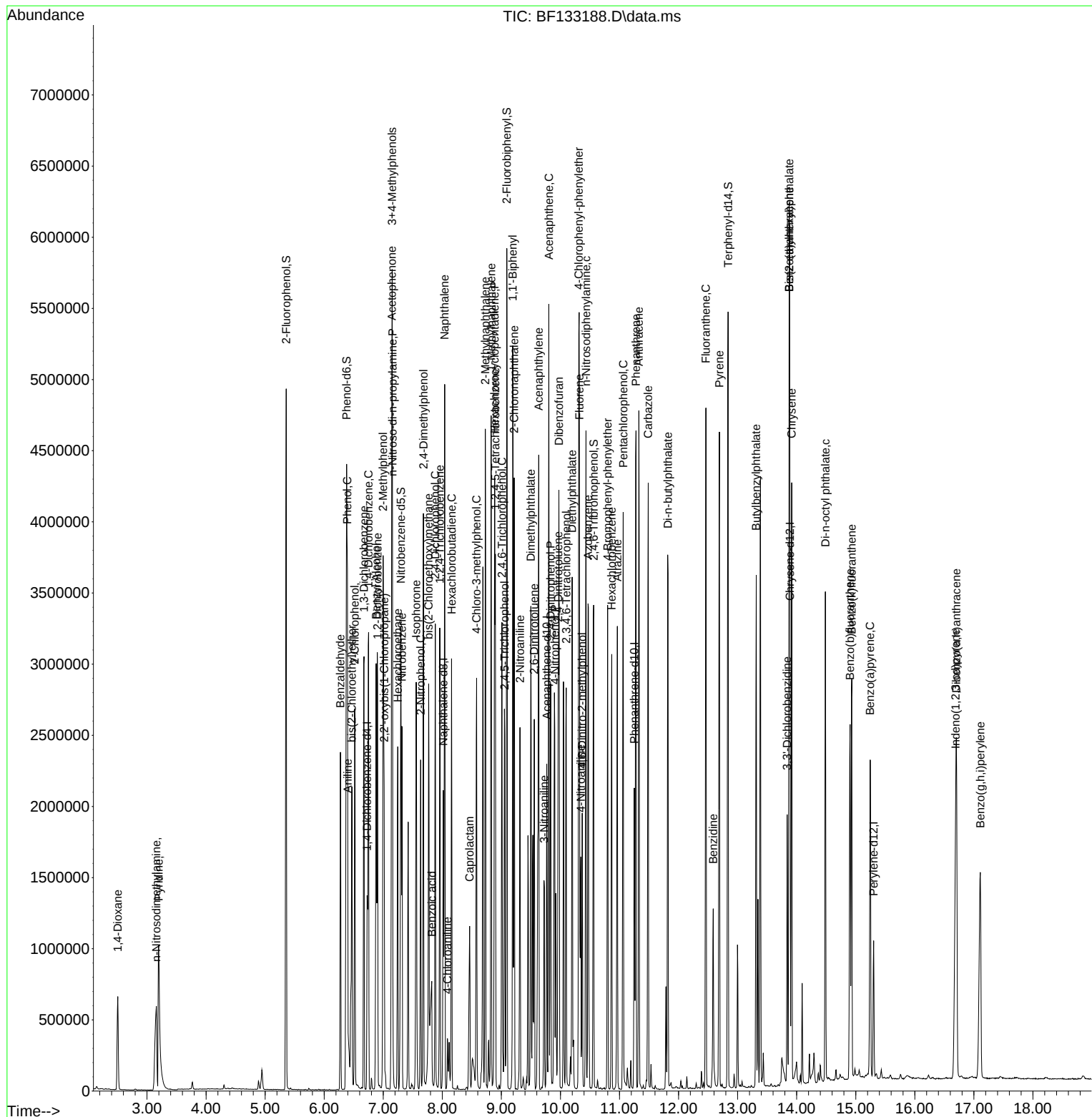
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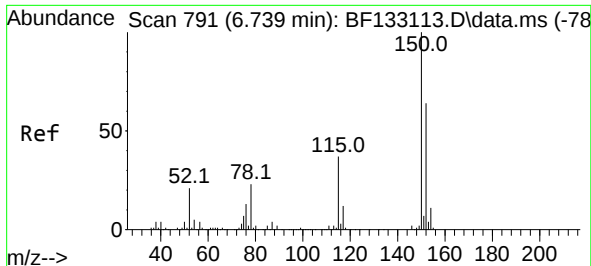
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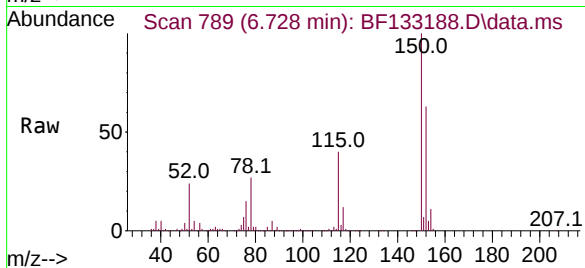
Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

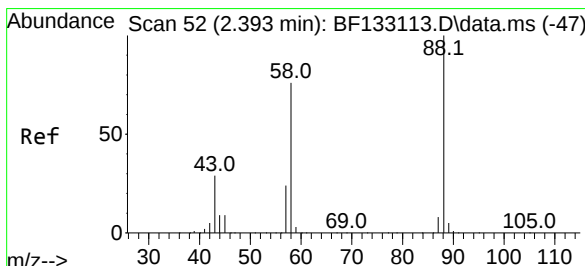
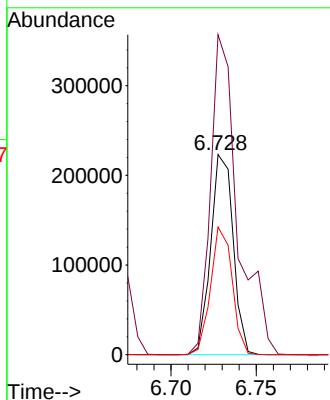
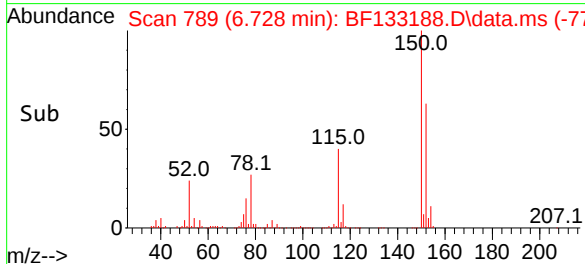
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 20453
Ion Ratio Lower Upper
152 100
150 159.9 124.8 187.2
115 63.8 49.9 74.9

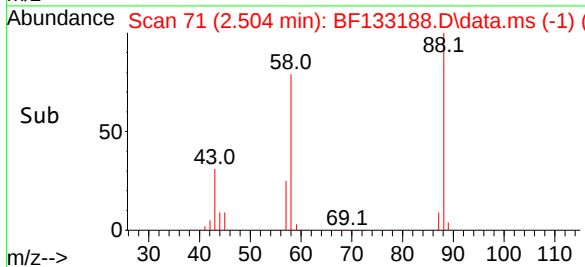
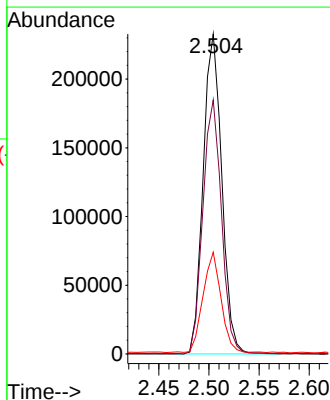
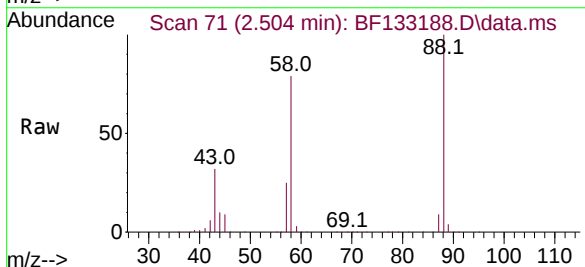
Manual Integrations
APPROVED

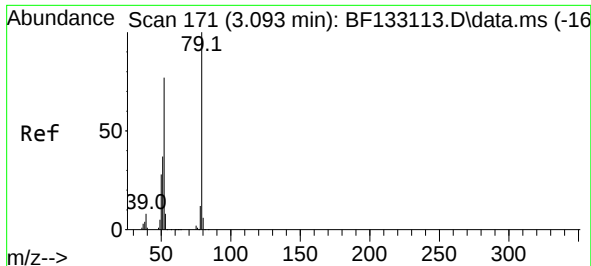
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#2
1,4-Dioxane
Concen: 47.997 ng
RT: 2.504 min Scan# 71
Delta R.T. 0.123 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

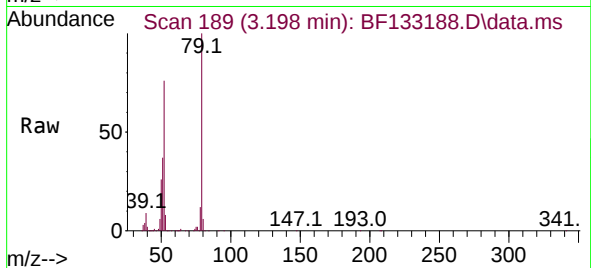
Tgt Ion: 88 Resp: 301428
Ion Ratio Lower Upper
88 100
58 79.0 64.7 97.1
43 30.5 26.2 39.2





#3
Pyridine
Concen: 44.225 ng
RT: 3.198 min Scan# 11
Delta R.T. 0.118 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

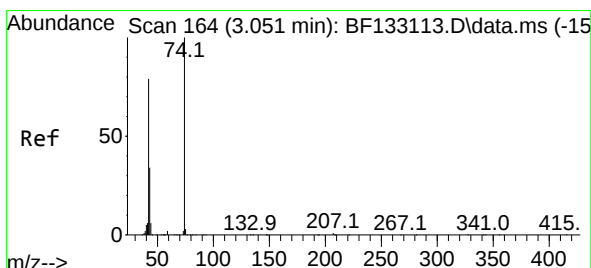
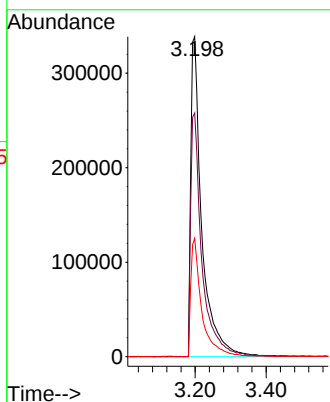
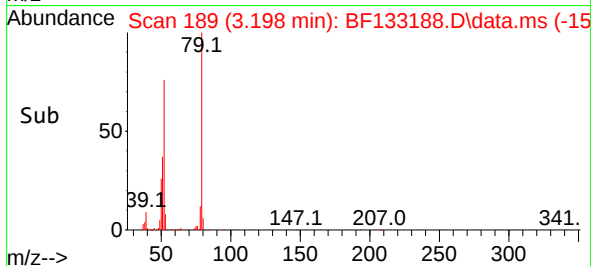
Instrument :
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ClientSampleId :
SB-16-14-16-20230413MS



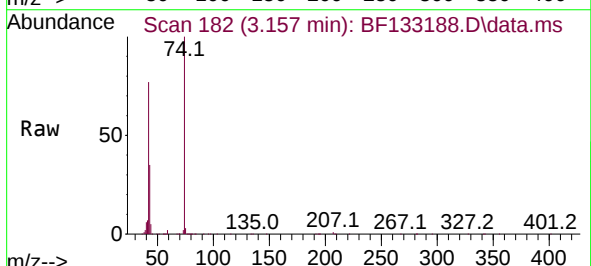
Tgt Ion: 79 Resp: 73768
Ion Ratio Lower Upper
79 100
52 76.2 64.6 96.8
51 37.0 30.0 45.0

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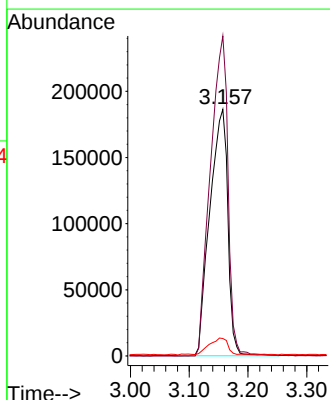
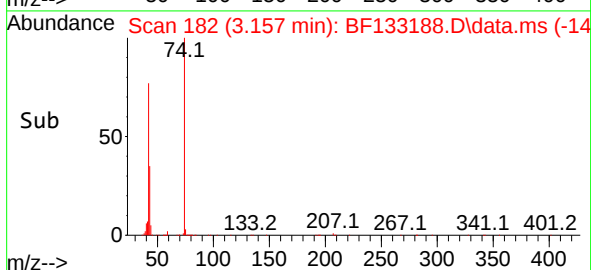
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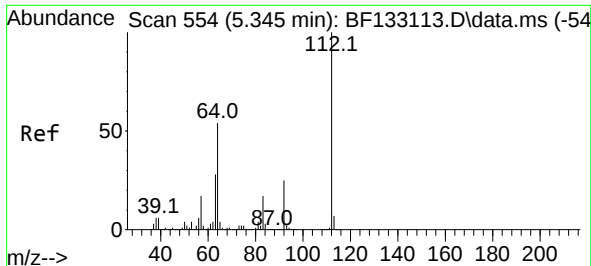


#4
n-Nitrosodimethylamine
Concen: 45.715 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.118 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45



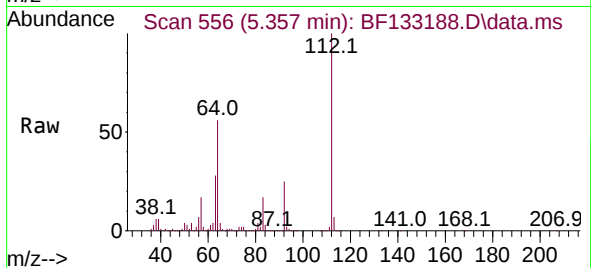
Tgt Ion: 42 Resp: 394968
Ion Ratio Lower Upper
42 100
74 129.8 98.0 147.0
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 106.244 ng
RT: 5.357 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

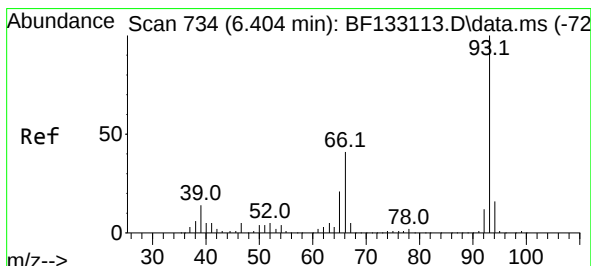
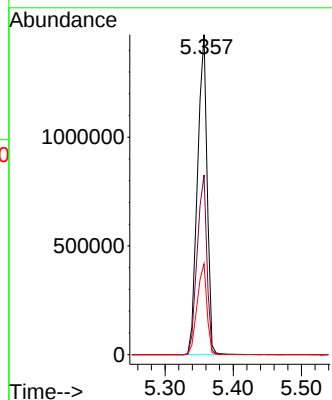
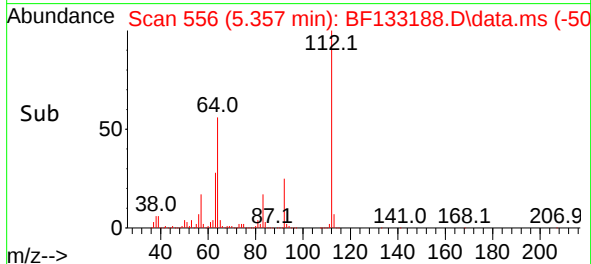
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1438500
Ion Ratio Lower Upper
112 100
64 56.2 46.8 70.2
63 28.4 23.8 35.8

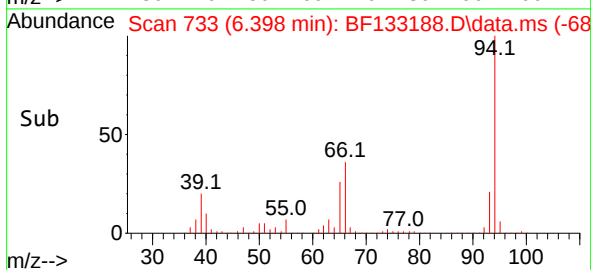
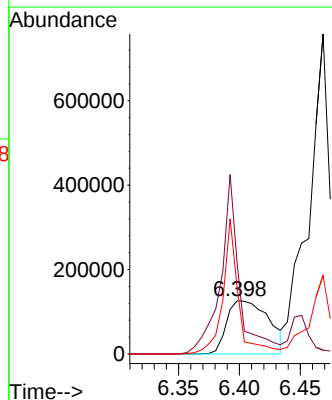
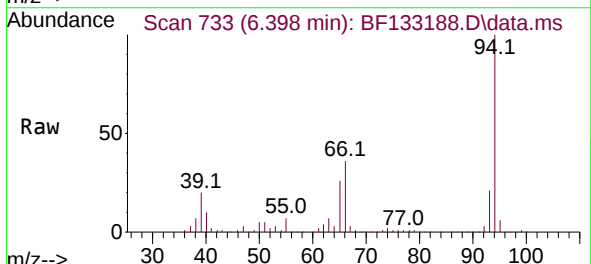
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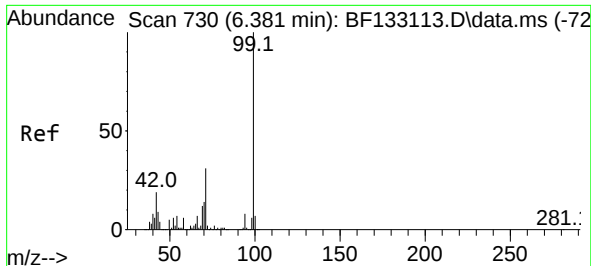
Reviewed By :Christian Giraldo 05/03/2023
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#6
Aniline
Concen: 13.913 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Tgt Ion: 93 Resp: 301141
Ion Ratio Lower Upper
93 100
66 169.9 31.5 47.3#
65 124.5 16.4 24.6#





#7

Phenol-d6

Concen: 105.650 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133188.D

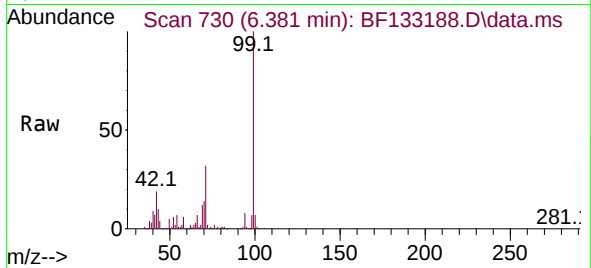
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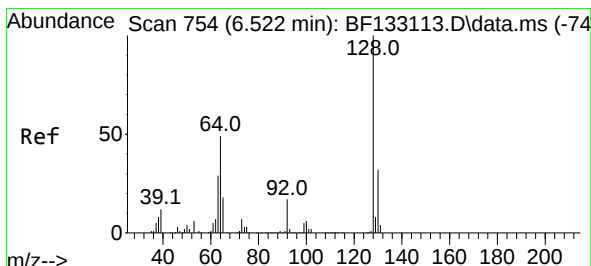
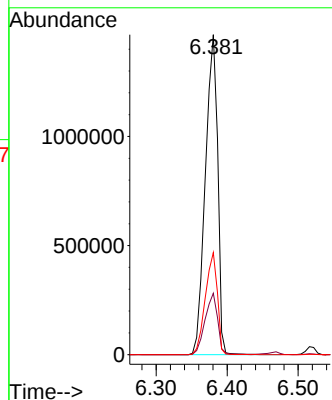
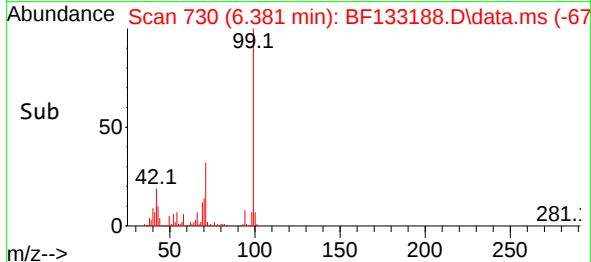


Tgt Ion: 99 Resp: 1775500

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.3	24.5
71	31.9	25.6	38.4

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#8

2-Chlorophenol

Concen: 50.920 ng

RT: 6.516 min Scan# 753

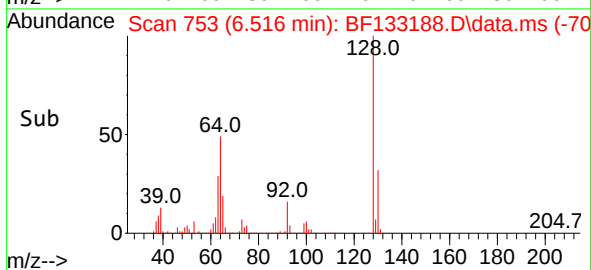
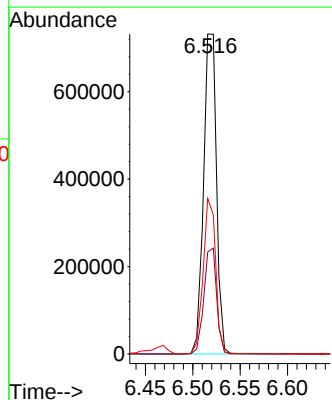
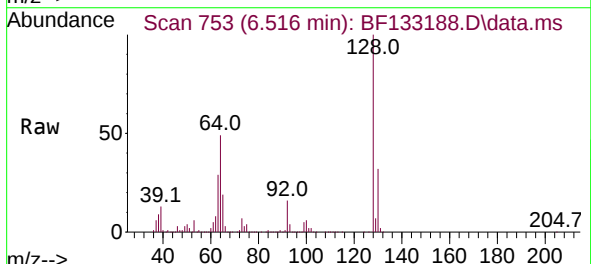
Delta R.T. -0.006 min

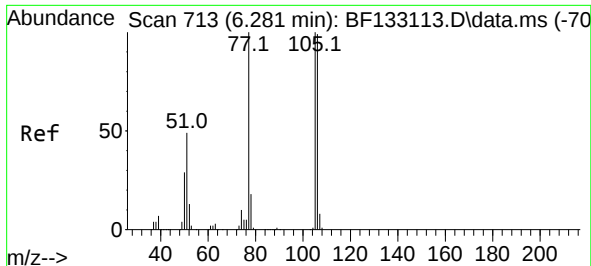
Lab File: BF133188.D

Acq: 02 May 2023 14:45

Tgt Ion:128 Resp: 700008

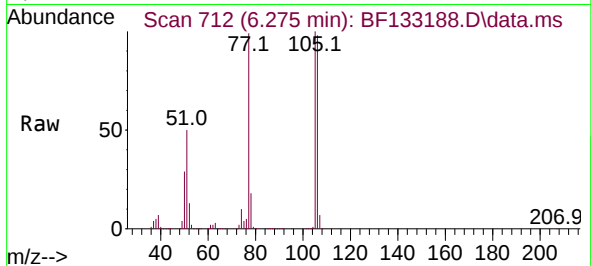
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.2	52.2
64	48.6	30.3	70.3





#9
Benzaldehyde
Concen: 64.864 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

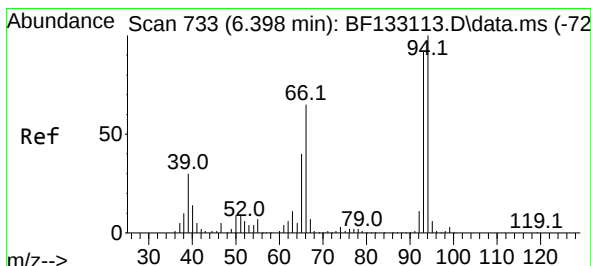
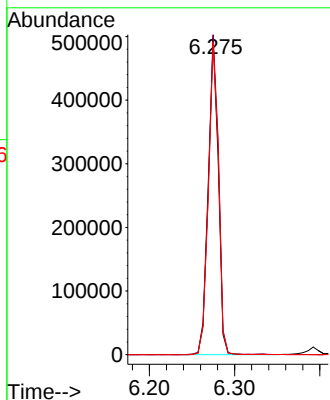
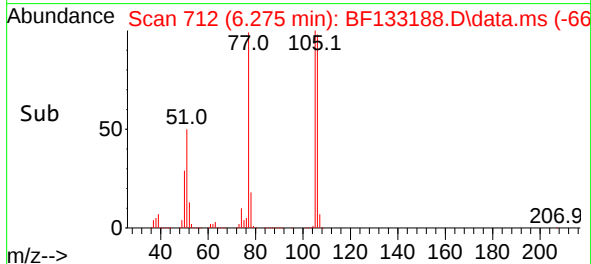
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Tgt Ion: 77 Resp: 408872
Ion Ratio Lower Upper
77 100
105 101.0 82.3 122.3
106 98.6 80.8 120.8

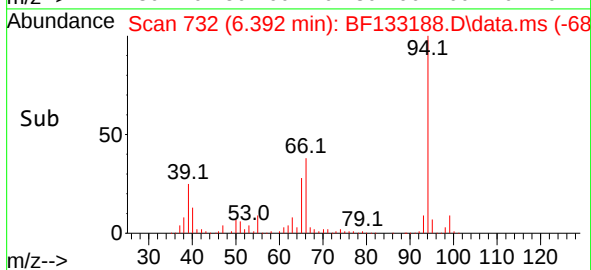
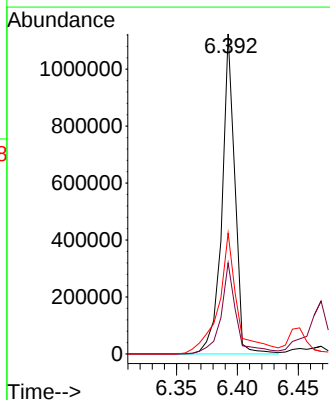
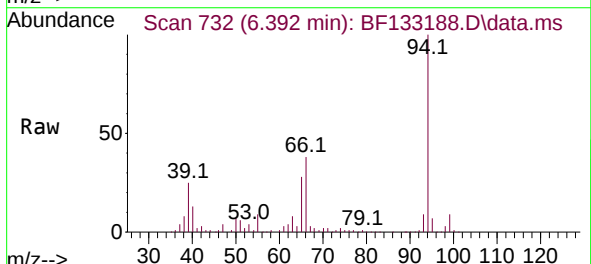
Manual Integrations
APPROVED

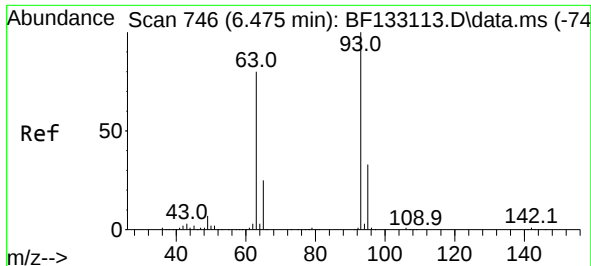
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#10
Phenol
Concen: 45.119 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Tgt Ion: 94 Resp: 836494
Ion Ratio Lower Upper
94 100
65 28.5 8.6 48.6
66 37.8 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 65.196 ng

RT: 6.469 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

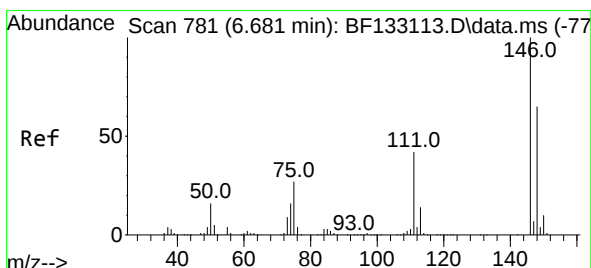
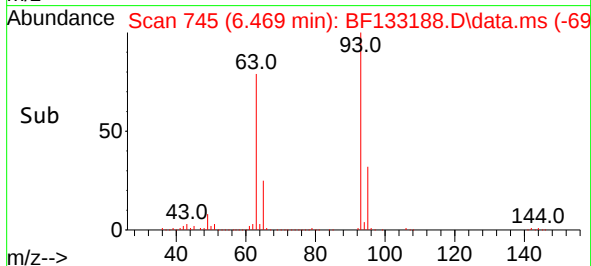
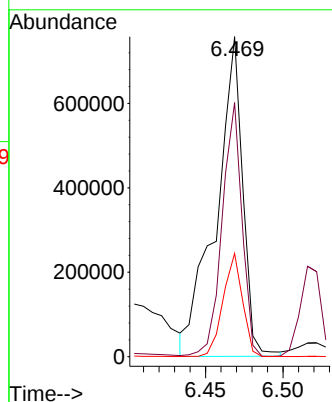
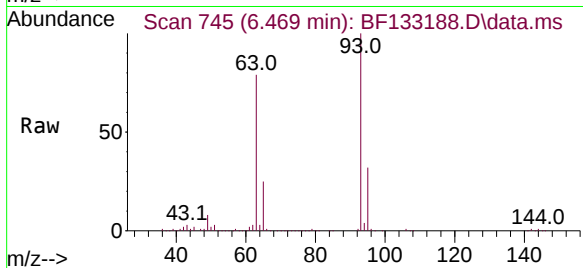
SB-16-14-16-20230413MS

Tgt Ion: 93 Resp: 90702

Ion	Ratio	Lower	Upper
93	100		
63	79.4	60.6	100.6
95	32.2	12.9	52.9

Manual Integrations
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Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#12

1,3-Dichlorobenzene

Concen: 49.508 ng

RT: 6.675 min Scan# 780

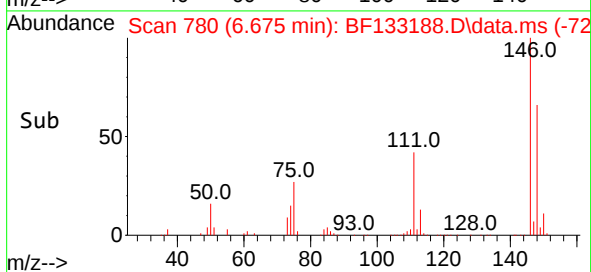
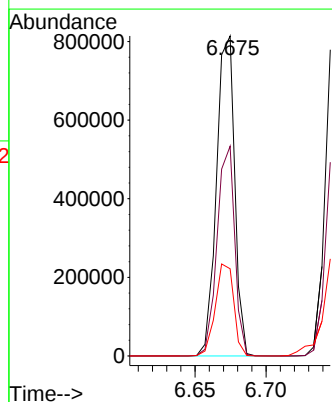
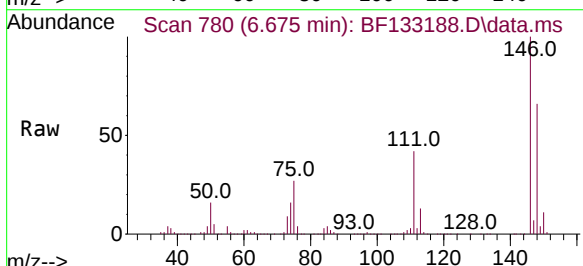
Delta R.T. -0.000 min

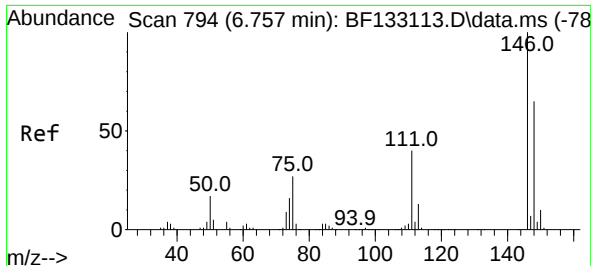
Lab File: BF133188.D

Acq: 02 May 2023 14:45

Tgt Ion:146 Resp: 723602

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.0	76.4
75	27.2	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 50.113 ng

RT: 6.751 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion:146 Resp: 734070

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

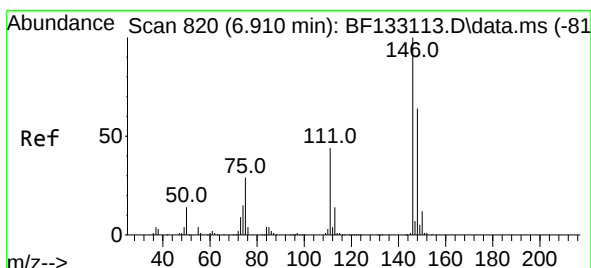
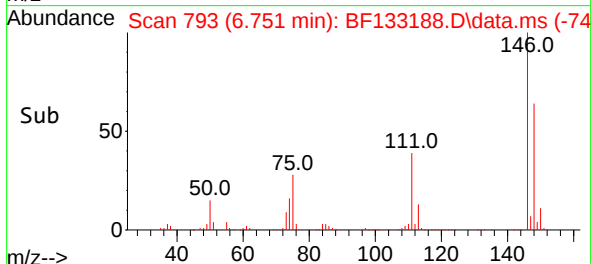
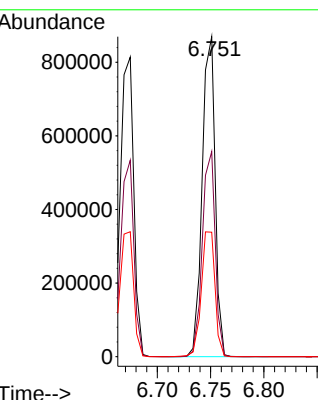
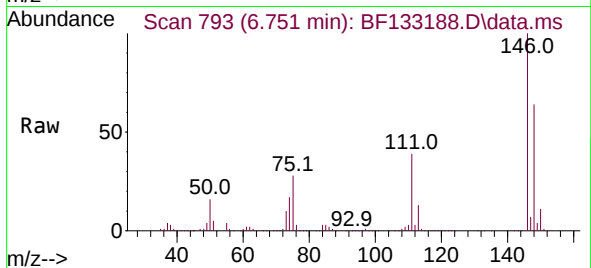
111 38.9 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#14

1,2-Dichlorobenzene

Concen: 51.901 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

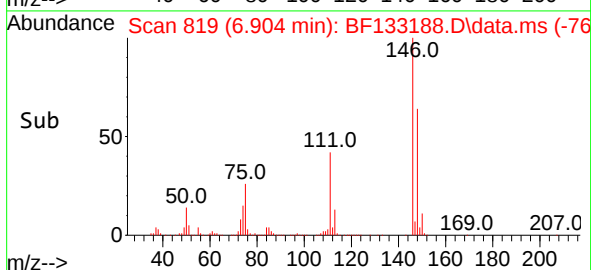
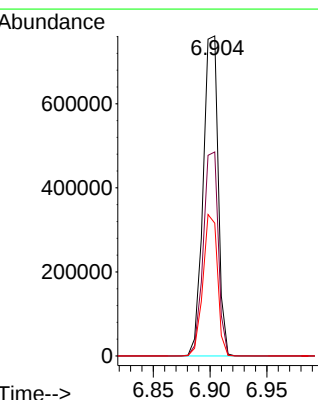
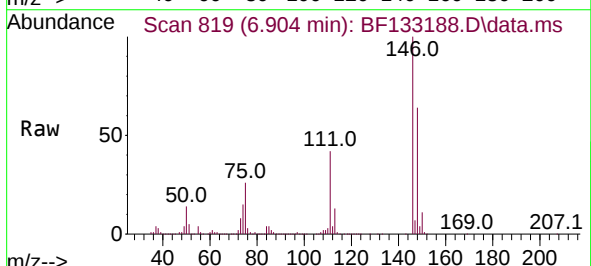
Tgt Ion:146 Resp: 700914

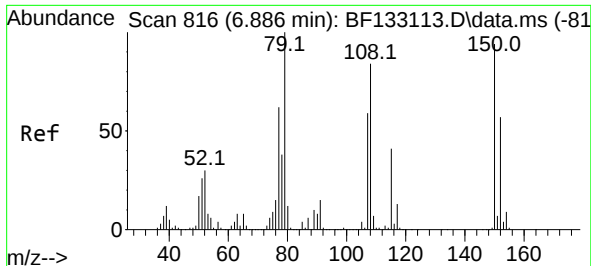
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

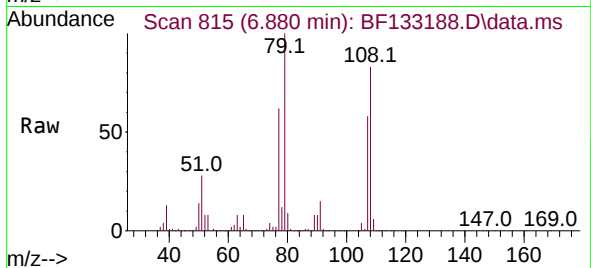
111 41.5 32.8 49.2





#15
Benzyl Alcohol
Concen: 49.878 ng
RT: 6.880 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

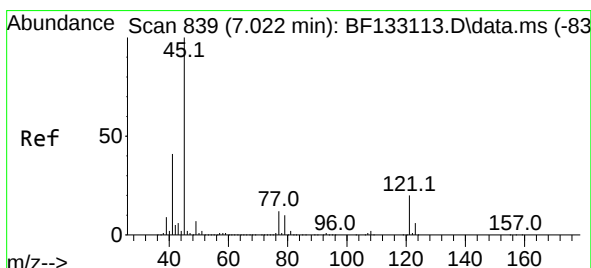
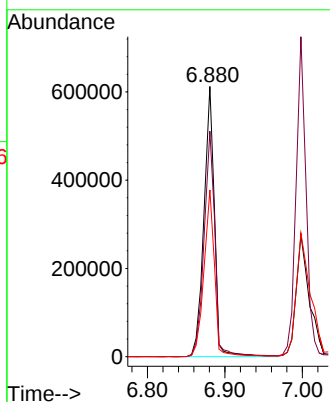
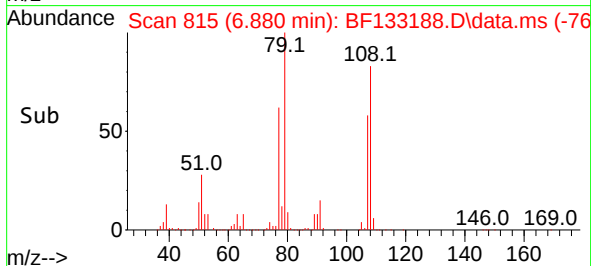
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion: 79 Resp: 57902
Ion Ratio Lower Upper
79 100
108 83.4 66.6 99.8
77 61.7 49.2 73.8

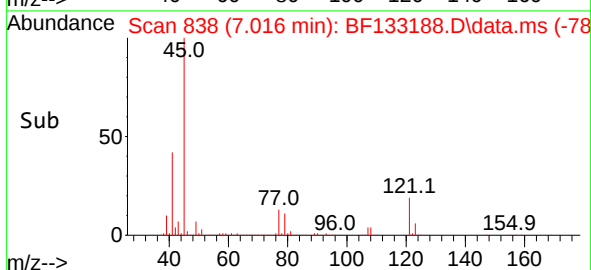
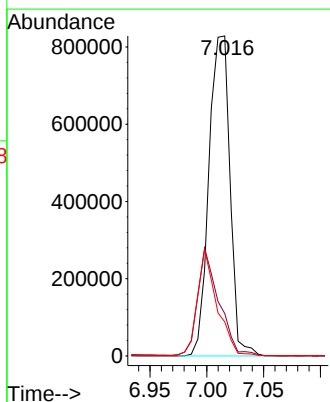
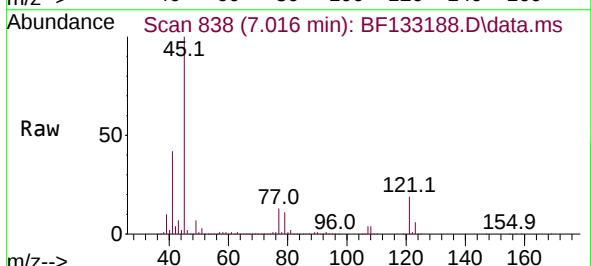
Manual Integrations
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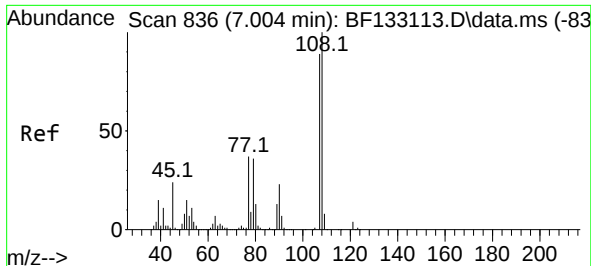
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.236 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

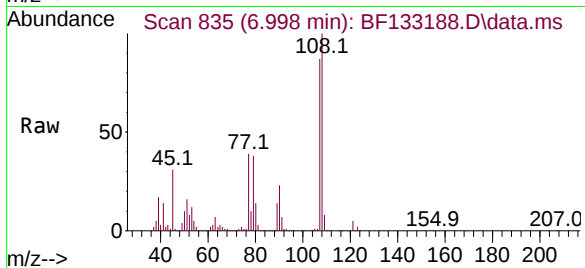
Tgt Ion: 45 Resp: 1068924
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 10.7 0.0 28.7





#17
2-Methylphenol
Concen: 45.952 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

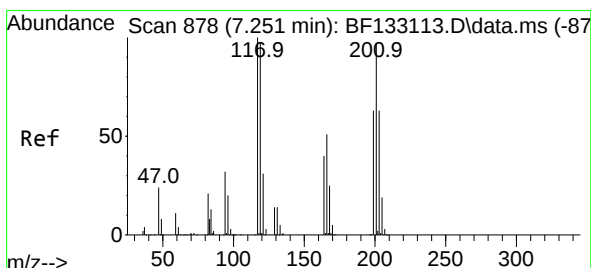
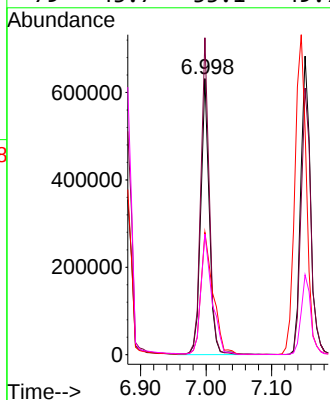
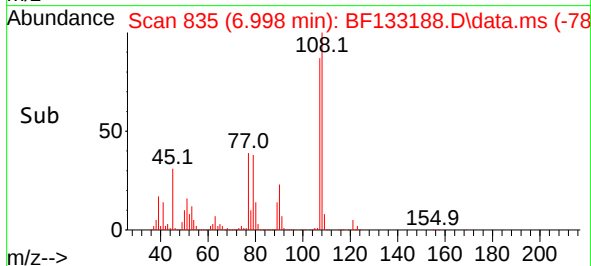
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:107 Resp: 57844
Ion Ratio Lower Upper
107 100
108 114.8 92.4 138.6
77 44.3 33.8 50.8
79 43.7 33.1 49.7

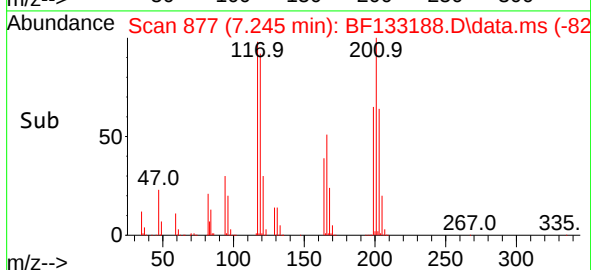
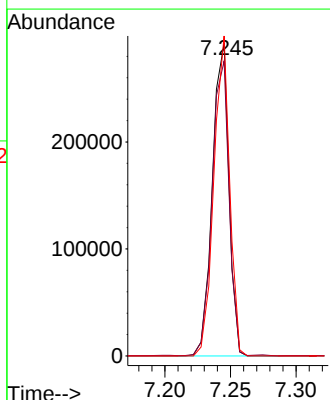
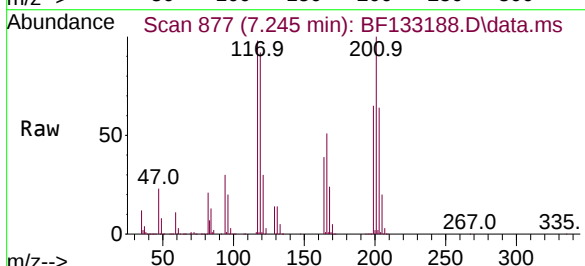
Manual Integrations
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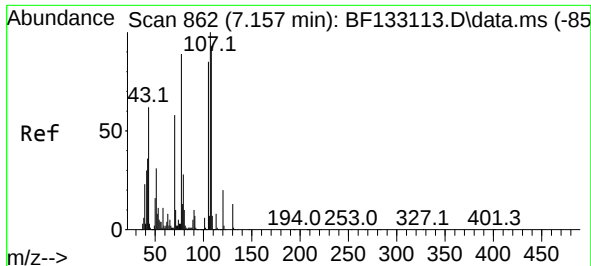
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#18
Hexachloroethane
Concen: 50.432 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

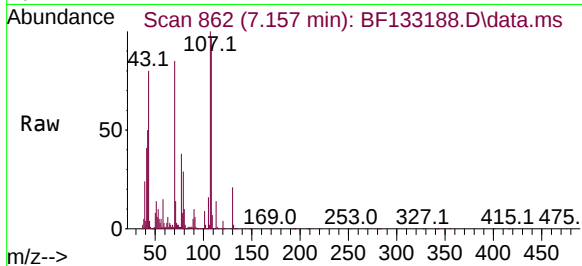
Tgt Ion:117 Resp: 256837
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.4
201 102.3 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.246 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

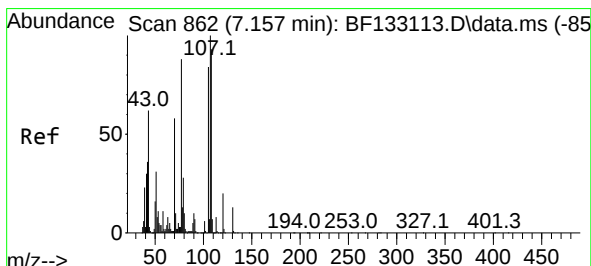
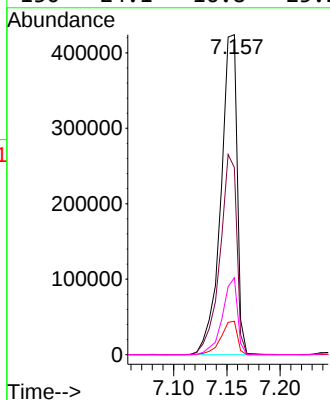
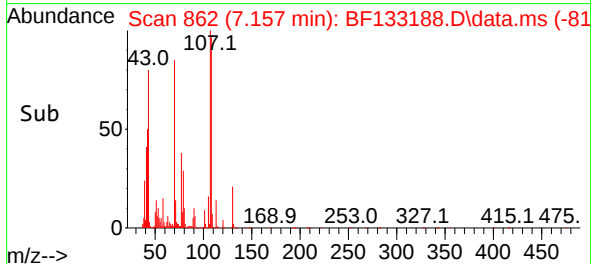
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



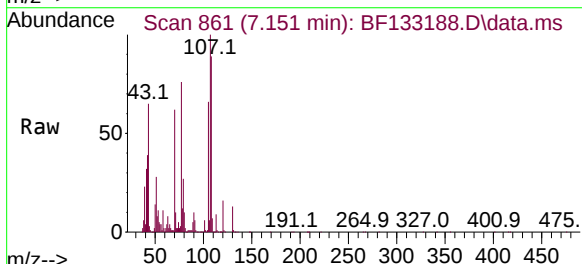
Tgt Ion: 70 Resp: 45245
Ion Ratio Lower Upper
70 100
42 58.5 51.8 77.6
101 10.5 8.0 12.0
130 24.1 16.8 25.2

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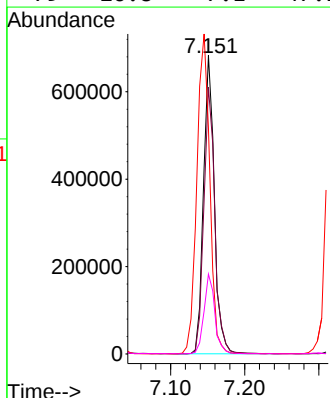
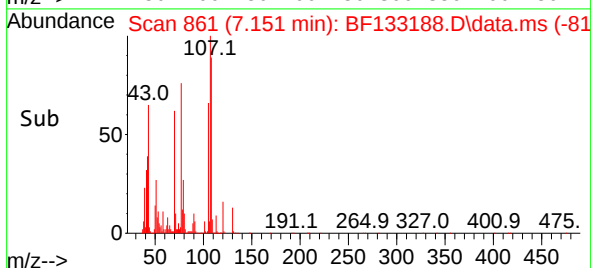
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

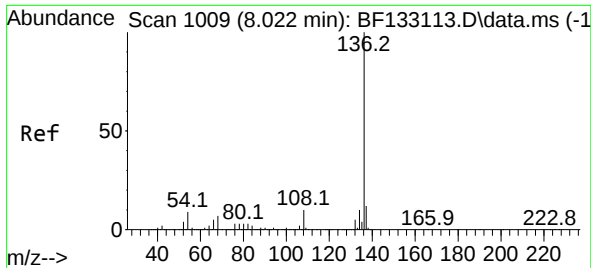


#20
3+4-Methylphenols
Concen: 46.935 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45



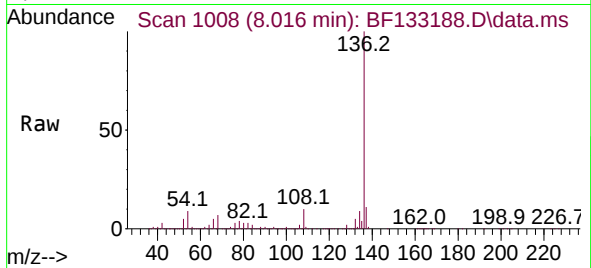
Tgt Ion:107 Resp: 695785
Ion Ratio Lower Upper
107 100
108 89.3 70.5 110.5
77 75.6 91.7 131.7#
79 26.8 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

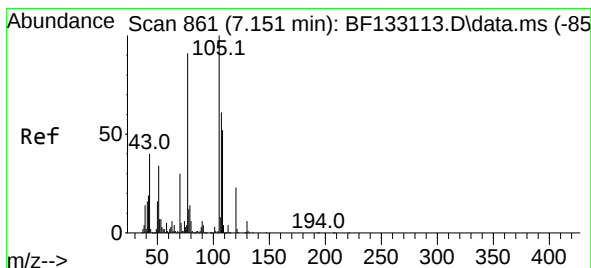
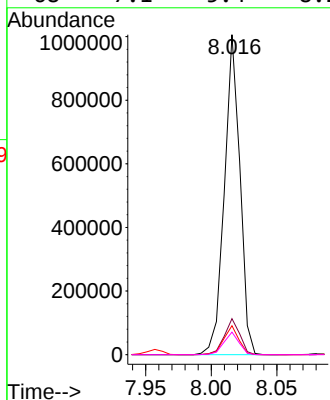
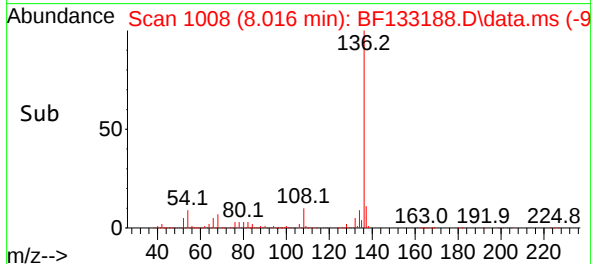
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:136 Resp: 82727
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.0 7.0 10.4
68 7.1 5.4 8.2

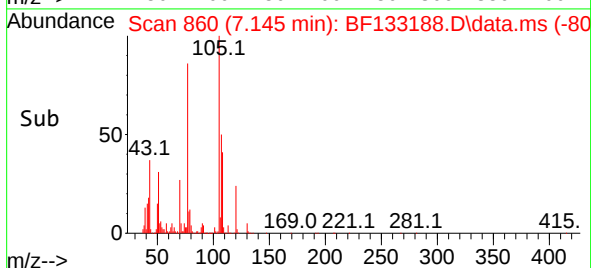
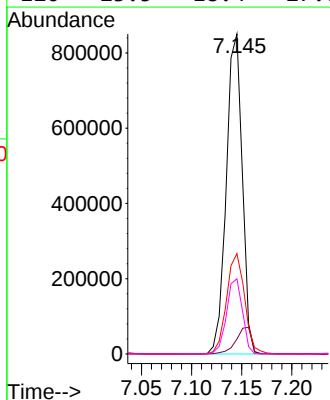
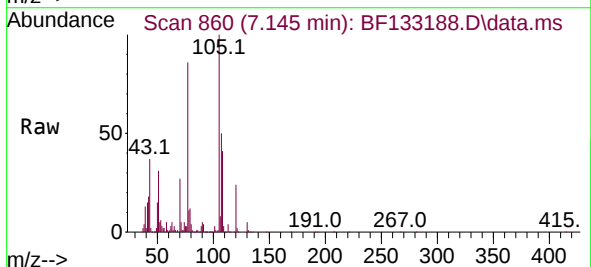
Manual Integrations
APPROVED

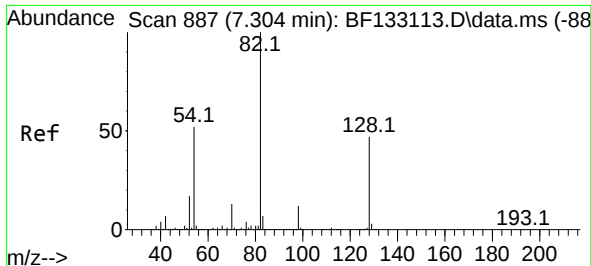
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#22
Acetophenone
Concen: 49.076 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Tgt Ion:105 Resp: 940463
Ion Ratio Lower Upper
105 100
71 4.6 4.6 7.0#
51 31.3 28.2 42.2
120 23.5 18.4 27.6





#23

Nitrobenzene-d5

Concen: 70.543 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion: 82 Resp: 1081178

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

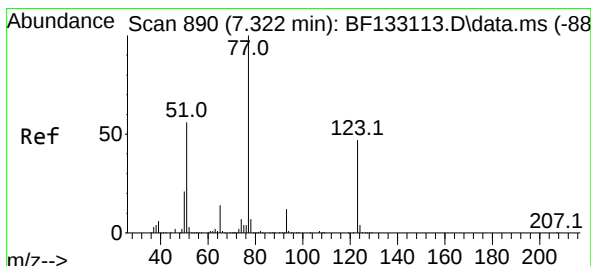
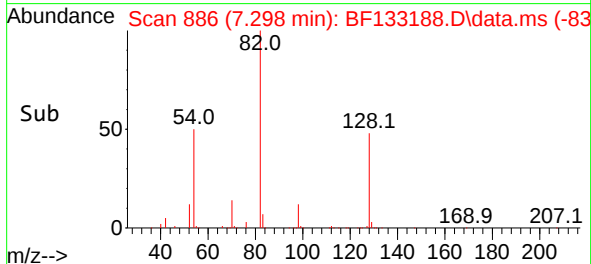
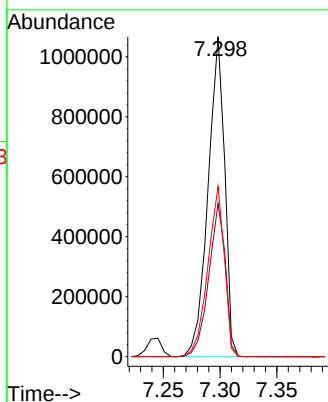
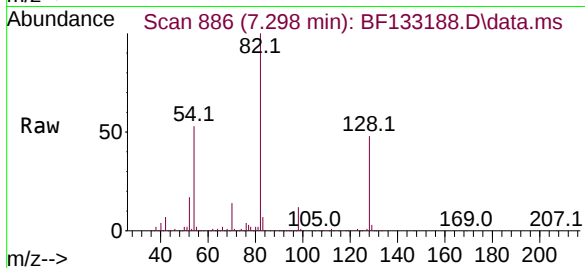
54 53.2 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#24

Nitrobenzene

Concen: 45.695 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

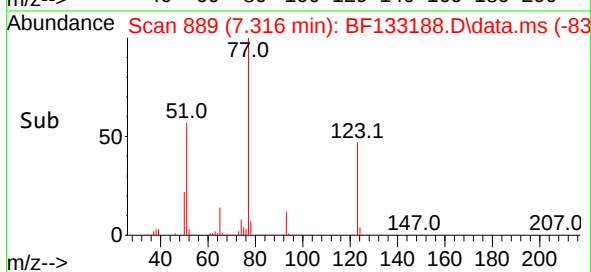
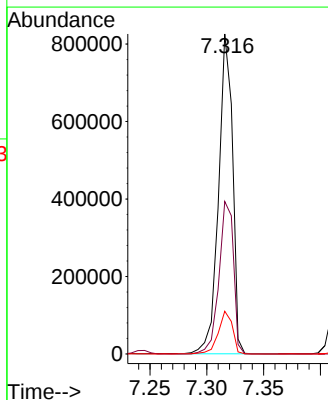
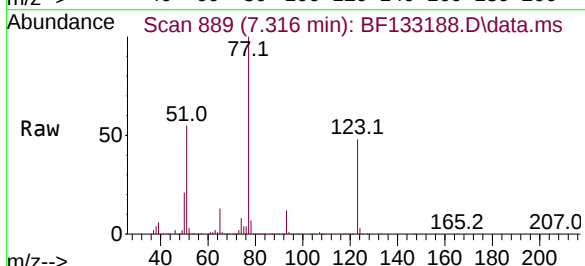
Tgt Ion: 77 Resp: 709679

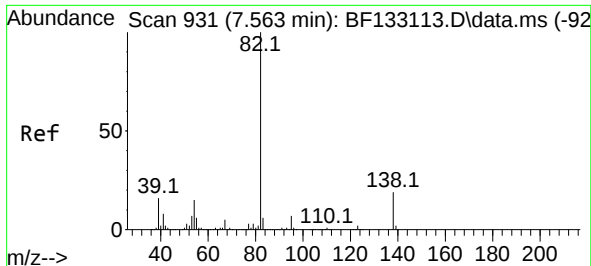
Ion Ratio Lower Upper

77 100

123 47.7 39.9 59.9

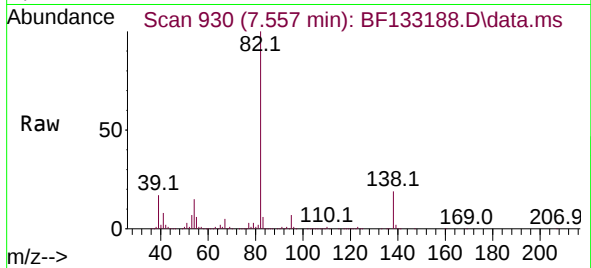
65 13.4 10.7 16.1





#25
Isophorone
Concen: 45.298 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

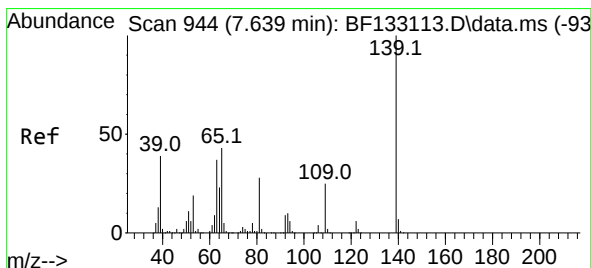
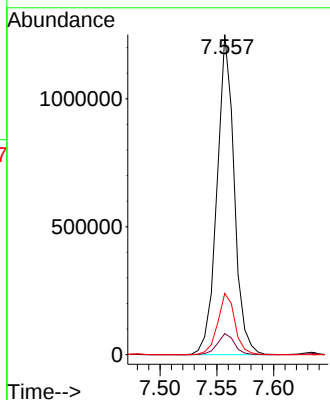
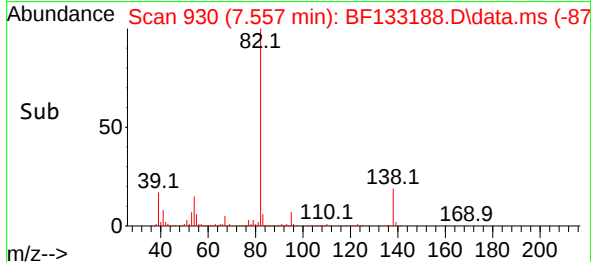
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion: 82 Resp: 131814
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.1 16.0 24.0

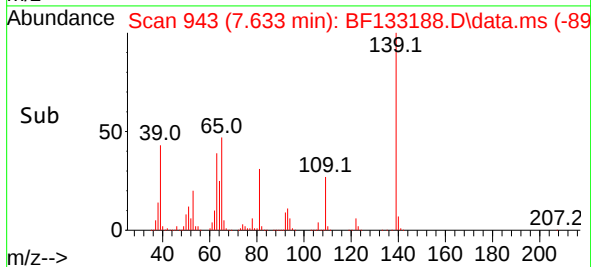
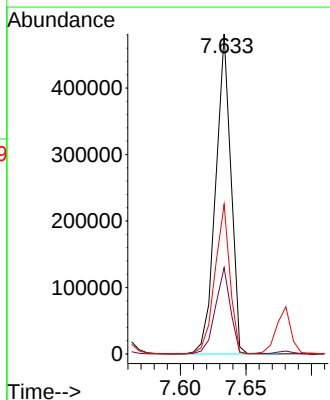
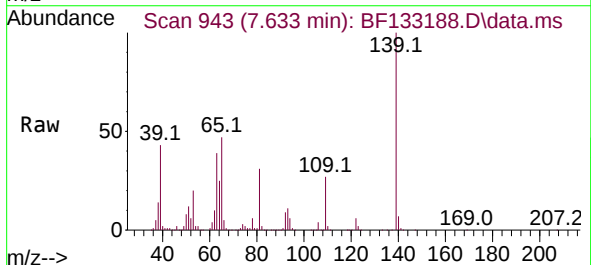
Manual Integrations
APPROVED

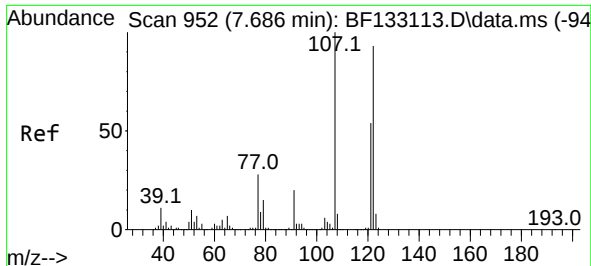
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#26
2-Nitrophenol
Concen: 51.958 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Tgt Ion:139 Resp: 389213
Ion Ratio Lower Upper
139 100
109 27.0 21.6 32.4
65 46.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 49.302 ng

RT: 7.680 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133188.D

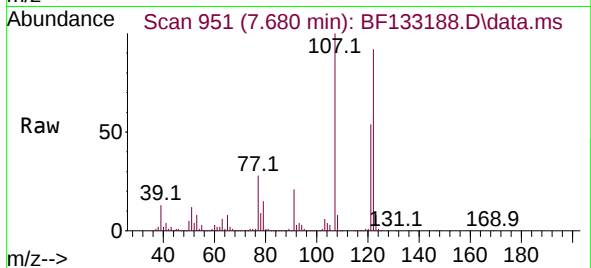
Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



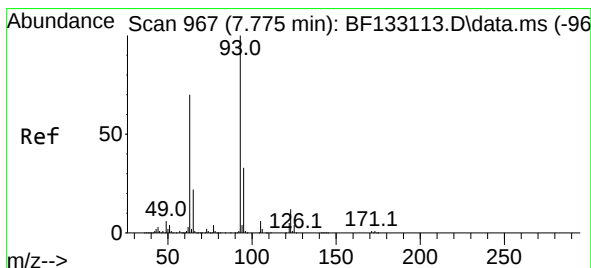
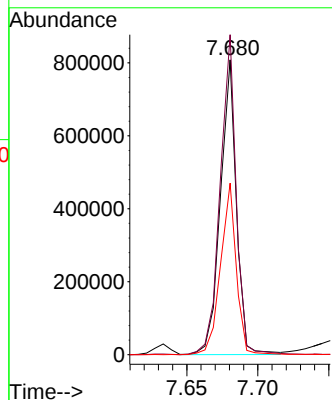
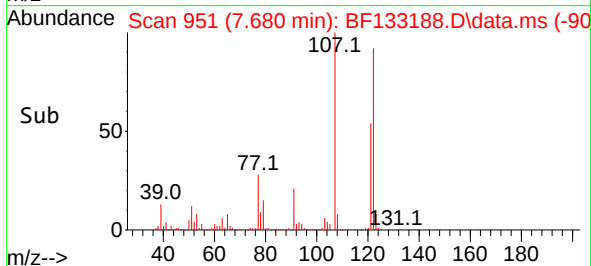
Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.5	89.7	134.5
121	58.2	46.0	69.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.277 ng

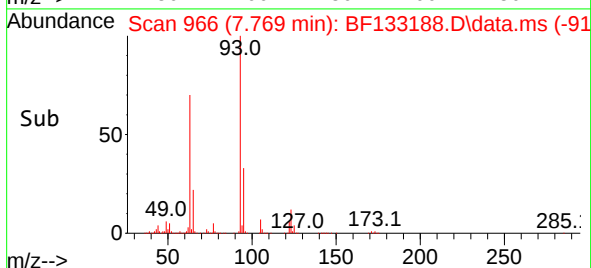
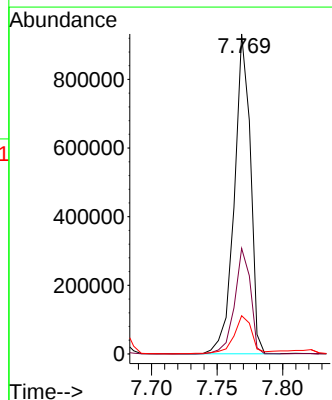
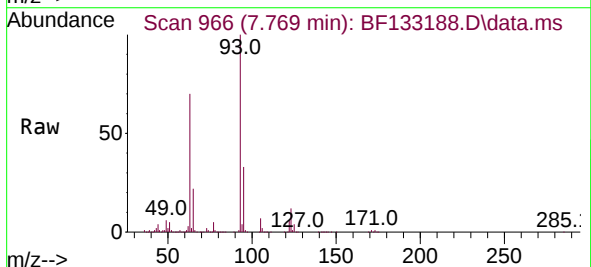
RT: 7.769 min Scan# 966

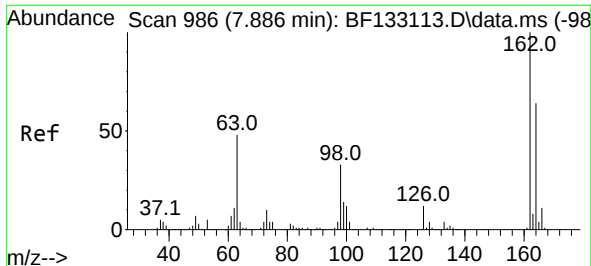
Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.0	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 48.451 ng

RT: 7.880 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

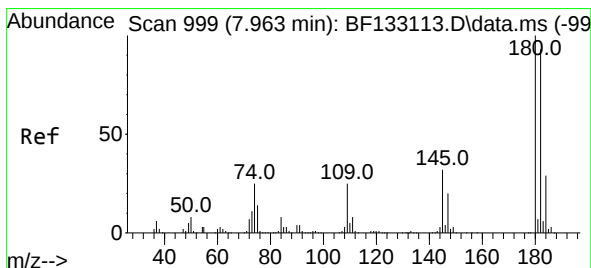
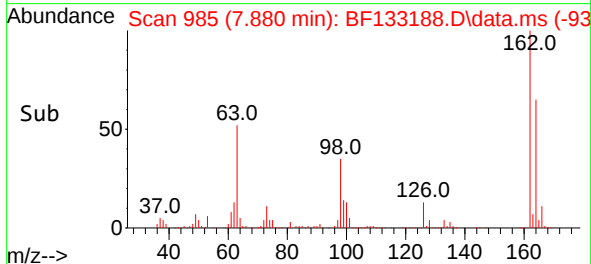
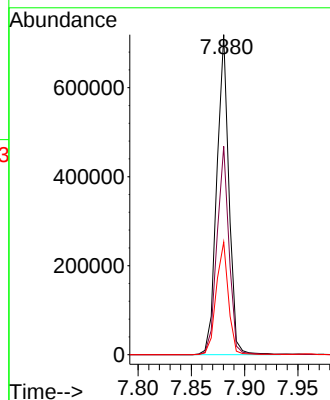
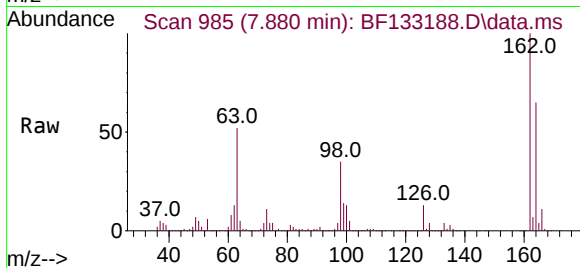
SB-16-14-16-20230413MS

Tgt Ion:162 Resp: 566550
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.9 83.9
 98 35.2 17.0 57.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.833 ng

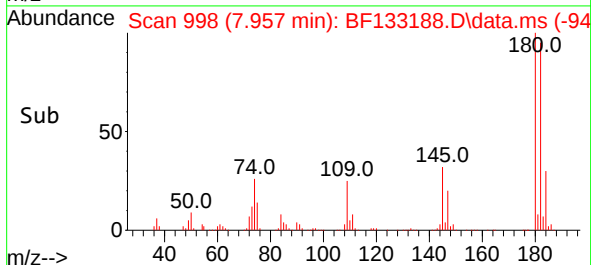
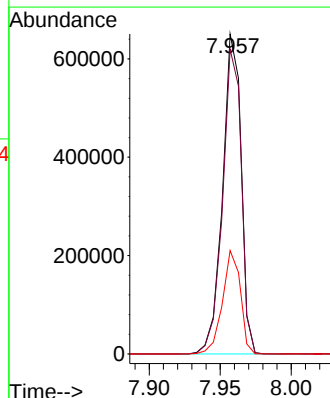
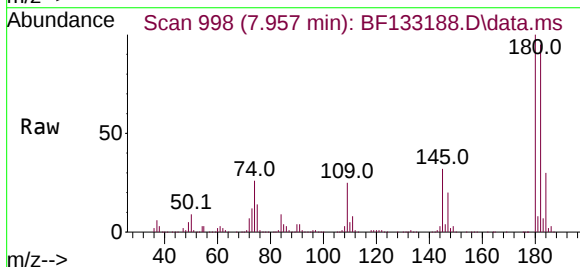
RT: 7.957 min Scan# 998

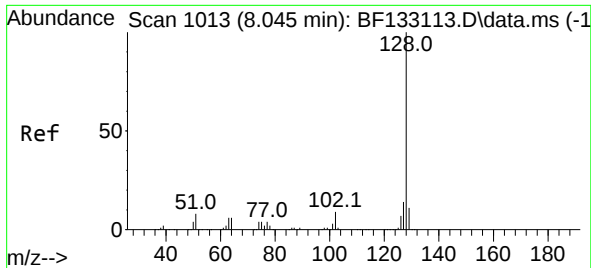
Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

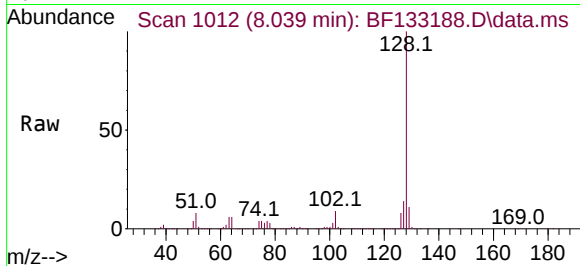
Tgt Ion:180 Resp: 591566
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.9 113.9
 145 32.3 25.3 37.9





#31
Naphthalene
Concen: 46.962 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

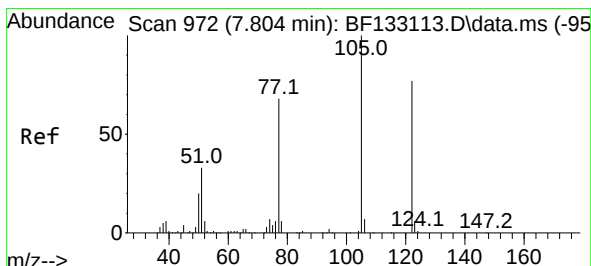
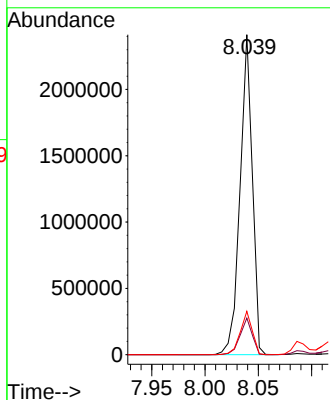
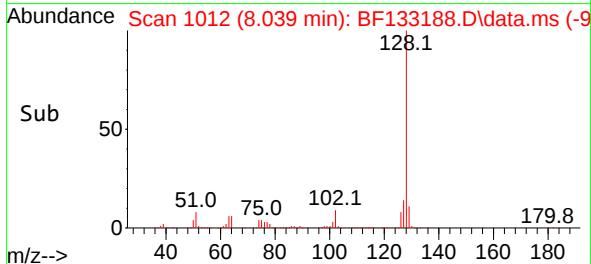
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:128 Resp: 194238
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.7 16.1

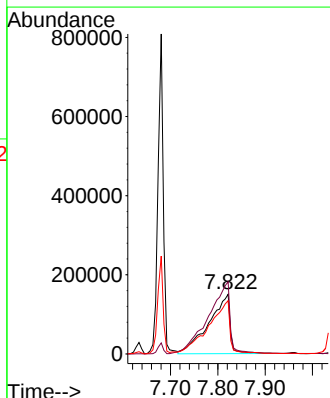
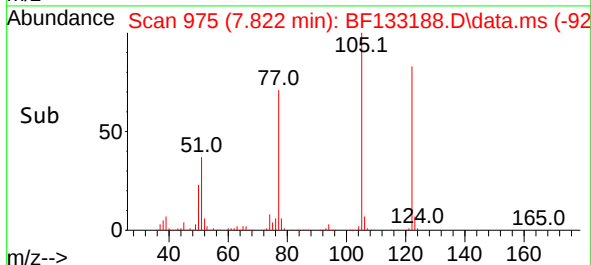
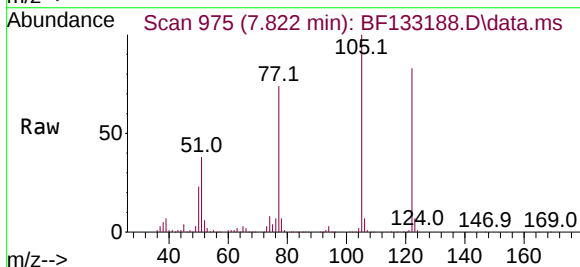
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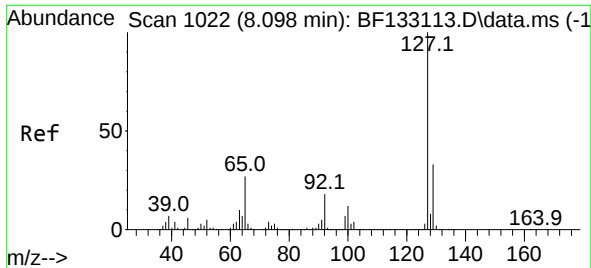
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#32
Benzoic acid
Concen: 59.410 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.023 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

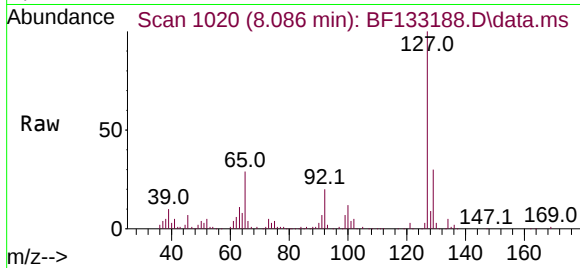
Tgt Ion:122 Resp: 471364
Ion Ratio Lower Upper
122 100
105 120.8 104.2 144.2
77 89.1 69.7 109.7





#33
4-Chloroaniline
Concen: 12.352 ng m
RT: 8.086 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

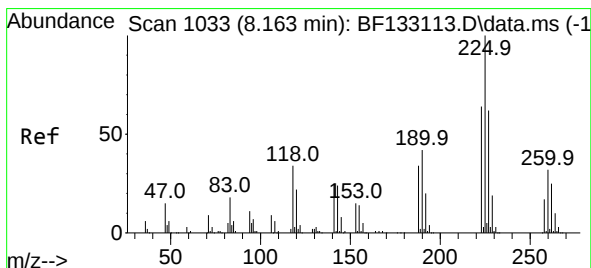
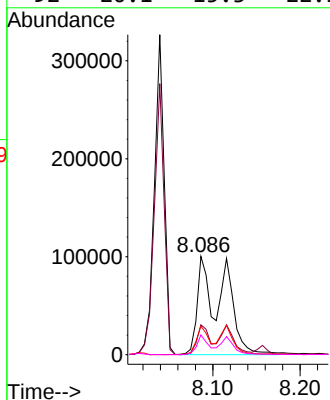
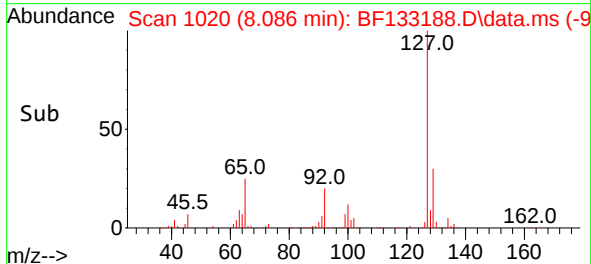
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:127 Resp: 20642
Ion Ratio Lower Upper
127 100
129 30.4 25.8 38.8
65 29.0 23.6 35.4
92 20.1 15.3 22.9

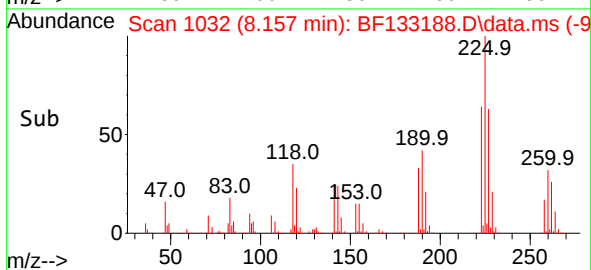
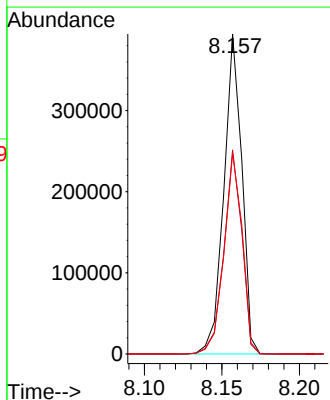
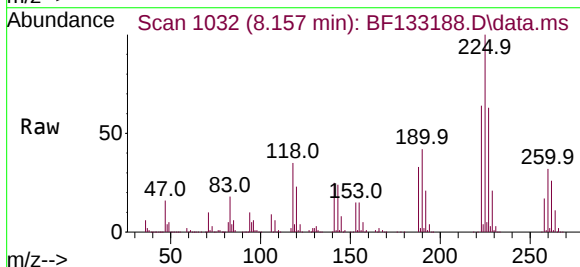
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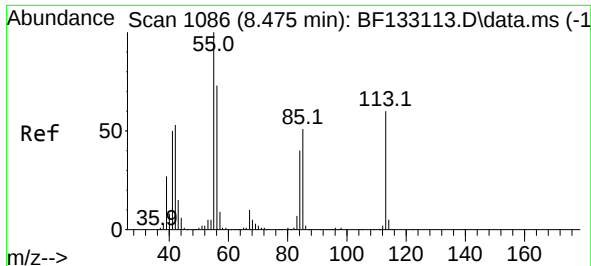
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#34
Hexachlorobutadiene
Concen: 47.224 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

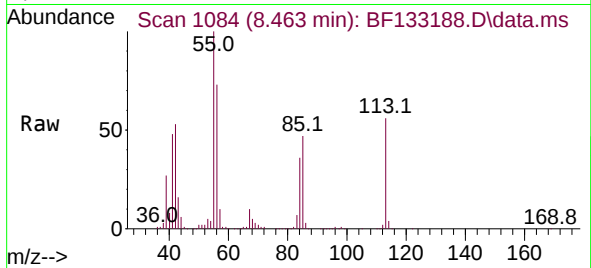
Tgt Ion:225 Resp: 317069
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 62.8 50.3 75.5





#35
 Caprolactam
 Concen: 53.028 ng m
 RT: 8.463 min Scan# 1086
 Delta R.T. -0.006 min
 Lab File: BF133188.D
 Acq: 02 May 2023 14:45

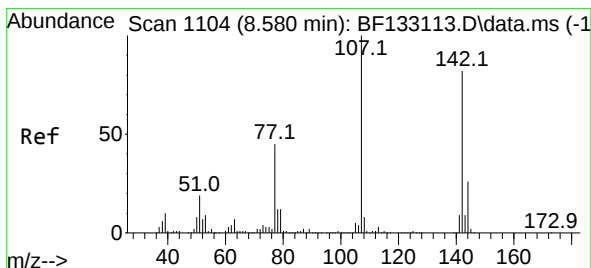
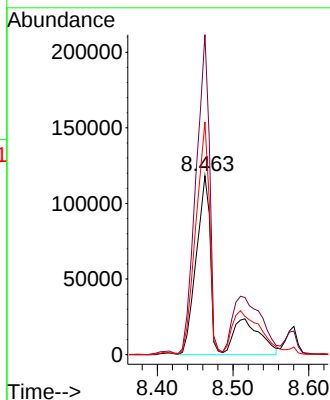
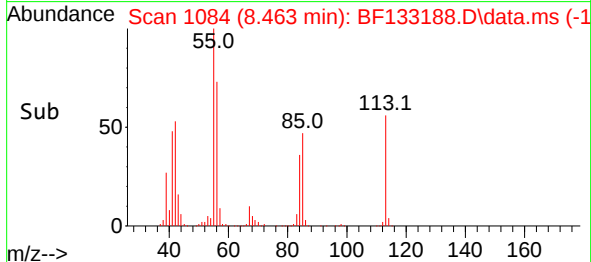
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MS



Tgt Ion:113 Resp: 20830
 Ion Ratio Lower Upper
 113 100
 55 179.0 167.1 207.1
 56 130.2 114.5 154.5

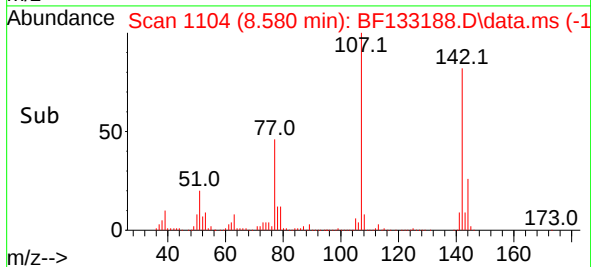
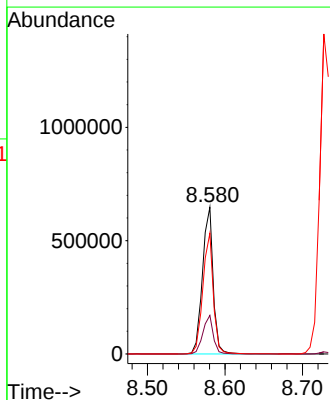
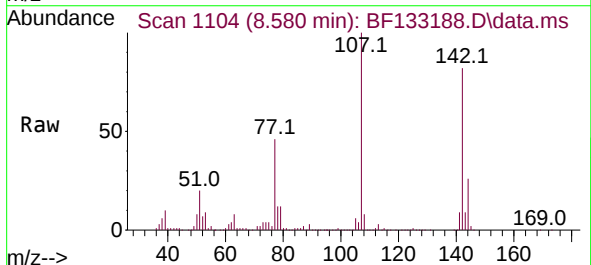
Manual Integrations
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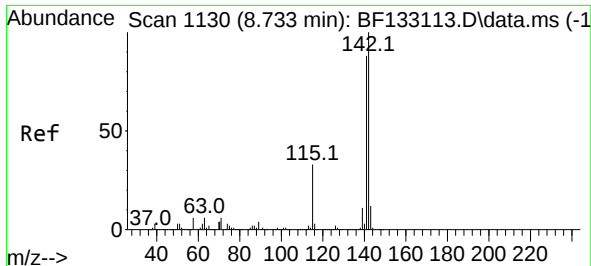
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



#36
 4-Chloro-3-methylphenol
 Concen: 49.285 ng
 RT: 8.580 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133188.D
 Acq: 02 May 2023 14:45

Tgt Ion:107 Resp: 621463
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 30.8
 142 82.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 45.266 ng

RT: 8.727 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion:142 Resp: 128000

Ion Ratio Lower Upper

142 100

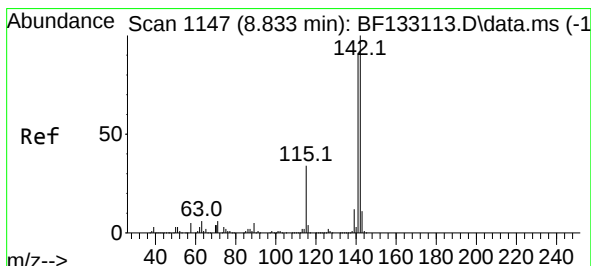
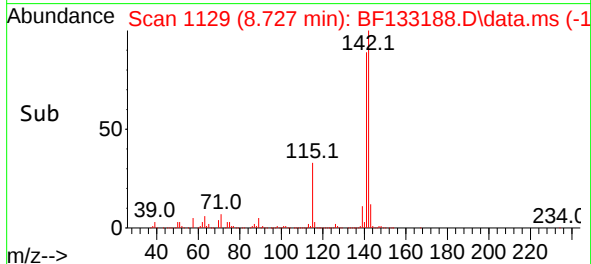
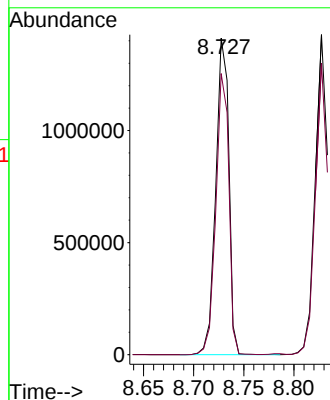
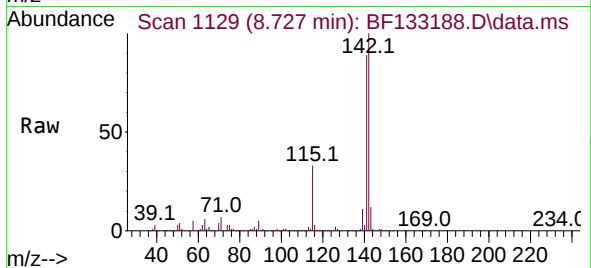
141 88.8 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#38

1-Methylnaphthalene

Concen: 45.543 ng

RT: 8.827 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133188.D

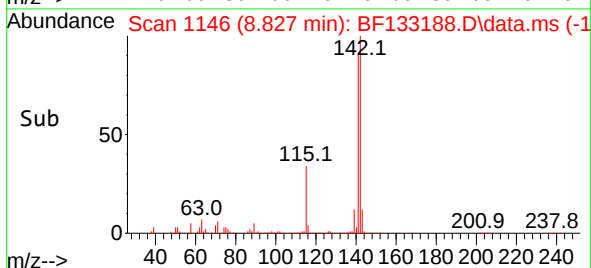
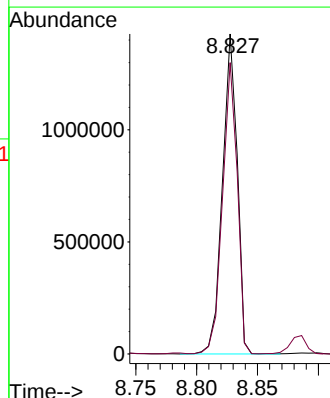
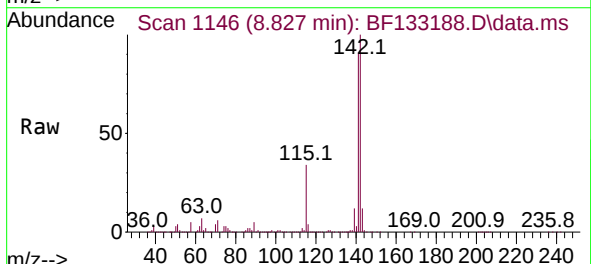
Acq: 02 May 2023 14:45

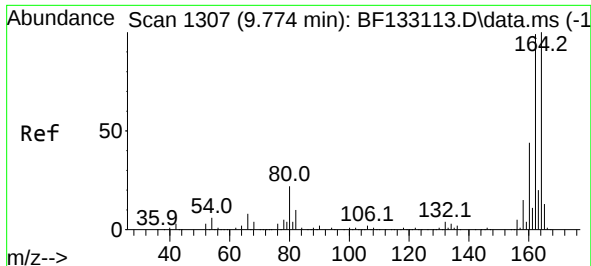
Tgt Ion:142 Resp: 1204750

Ion Ratio Lower Upper

142 100

141 91.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF133188.D

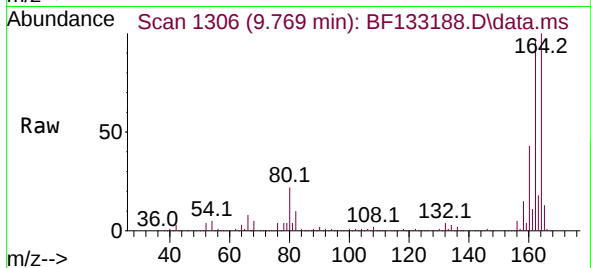
Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



Tgt Ion:164 Resp: 431750

Ion Ratio Lower Upper

164 100

162 96.5 78.7 118.1

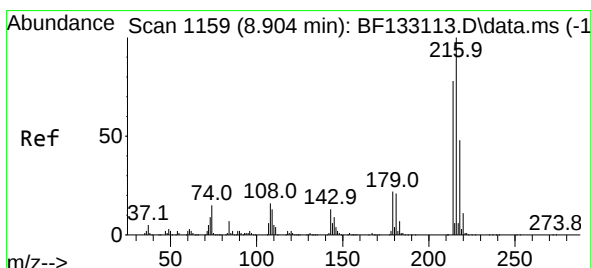
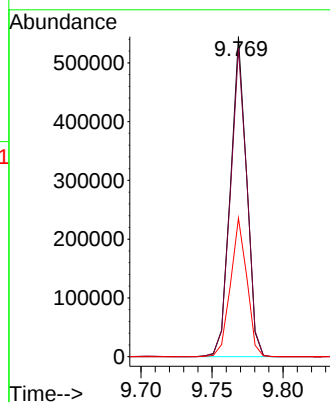
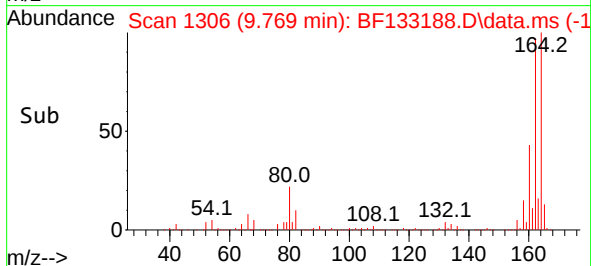
160 43.3 35.8 53.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.117 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Tgt Ion:216 Resp: 523737

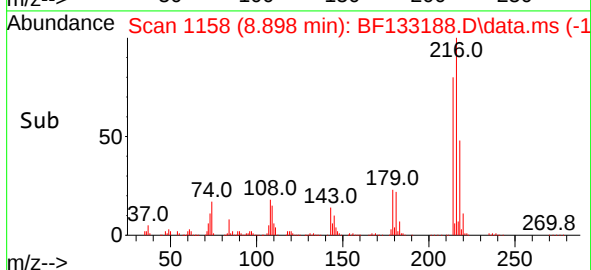
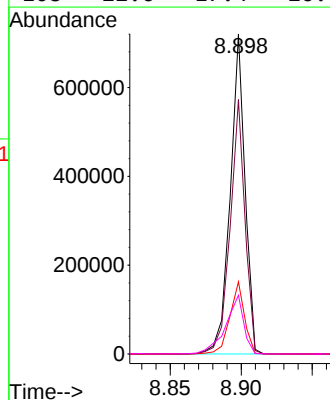
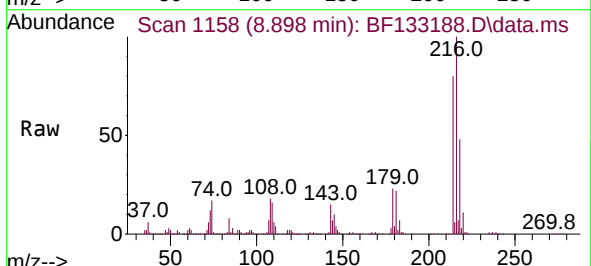
Ion Ratio Lower Upper

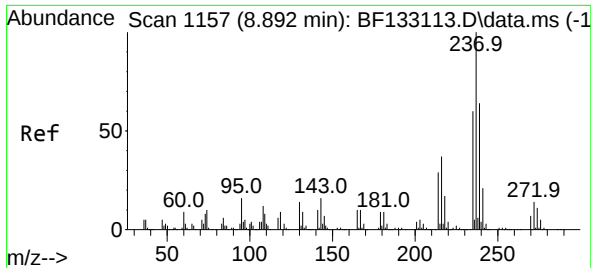
216 100

214 79.6 63.5 95.3

179 22.3 17.4 26.2

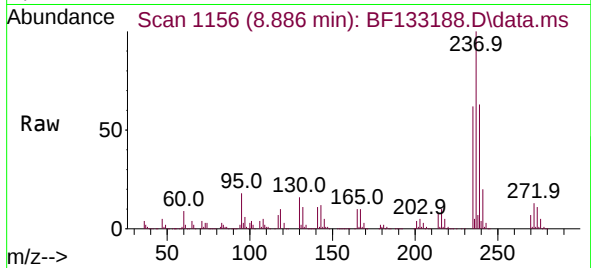
108 22.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 92.277 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

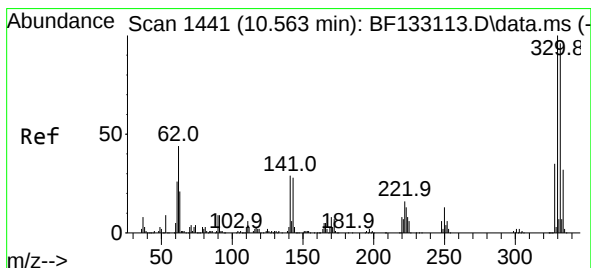
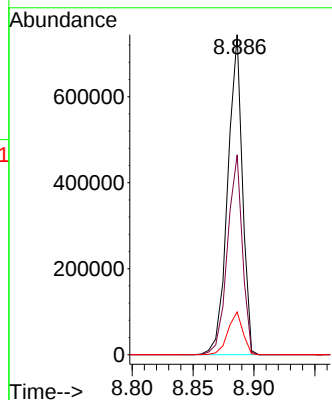
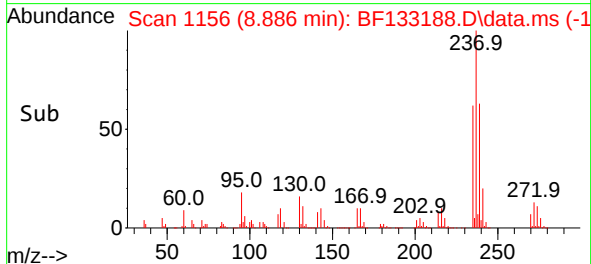
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



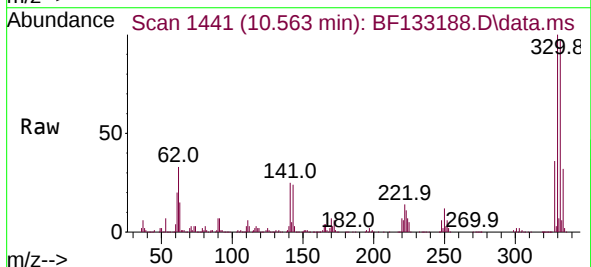
Tgt Ion:237 Resp: 624730
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 13.4 0.0 32.7

Manual Integrations
APPROVED

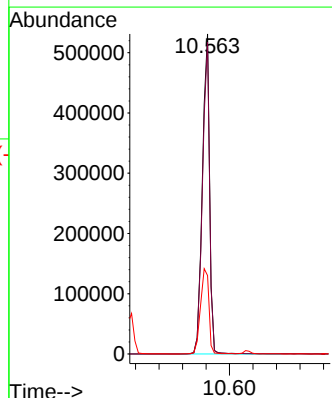
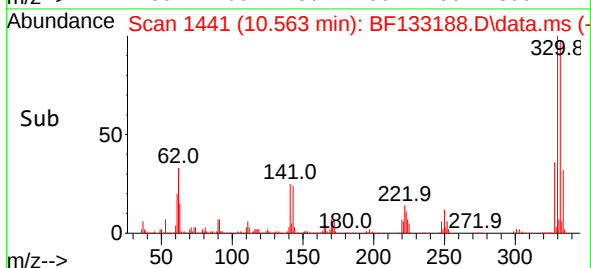
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

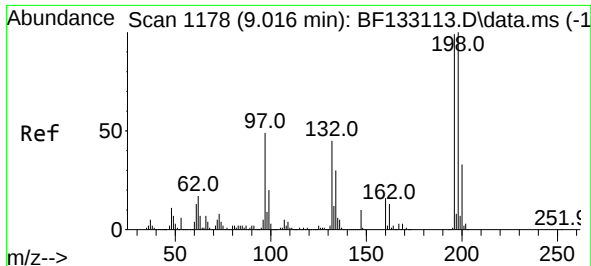


#42
2,4,6-Tribromophenol
Concen: 103.863 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45



Tgt Ion:330 Resp: 450980
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 31.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 48.310 ng

RT: 9.010 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion:196 Resp: 38783

Ion Ratio Lower Upper

196 100

198 98.7 81.0 121.6

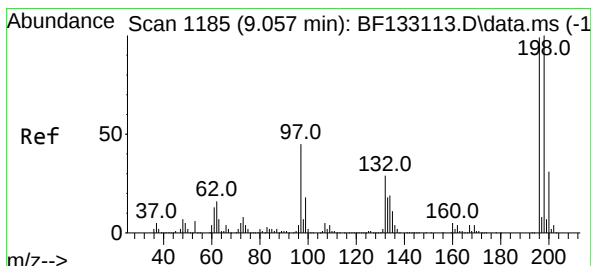
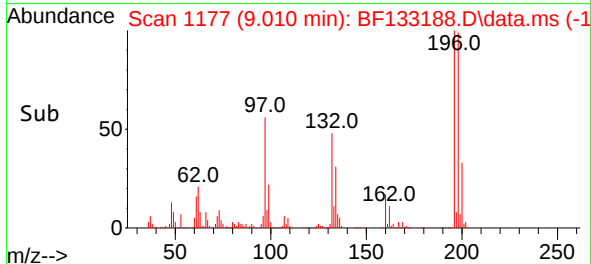
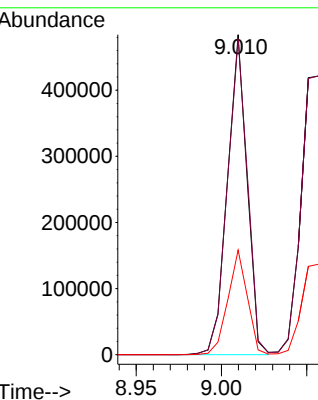
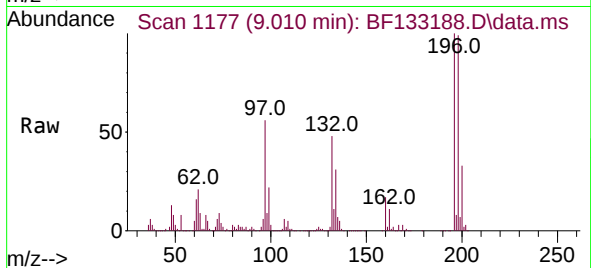
200 32.7 26.1 39.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#44

2,4,5-Trichlorophenol

Concen: 45.353 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Tgt Ion:196 Resp: 421095

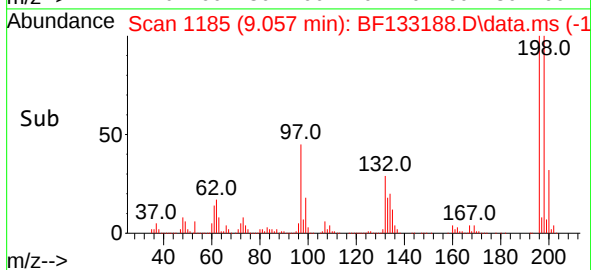
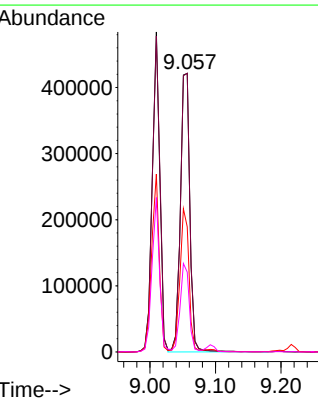
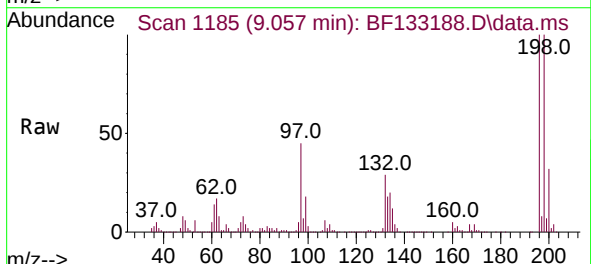
Ion Ratio Lower Upper

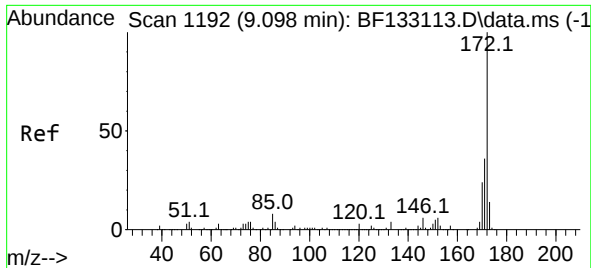
196 100

198 100.0 80.9 121.3

97 44.9 41.3 61.9

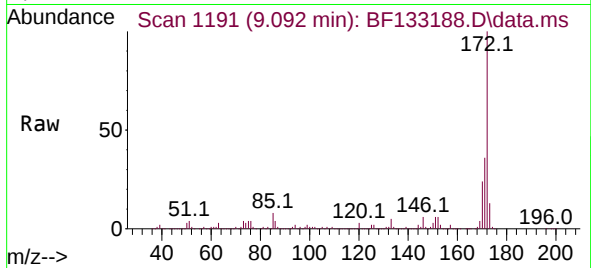
132 28.7 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 74.172 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

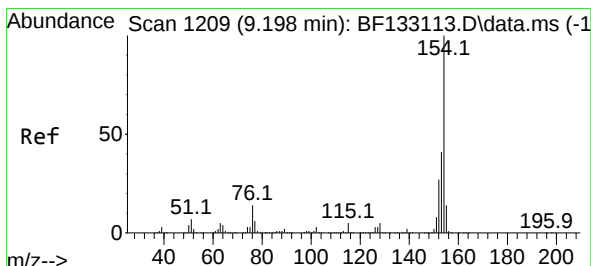
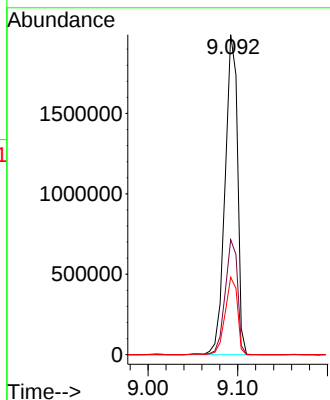
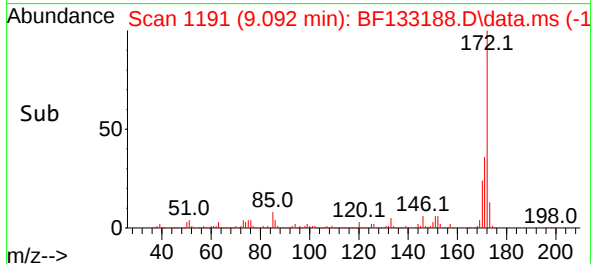
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



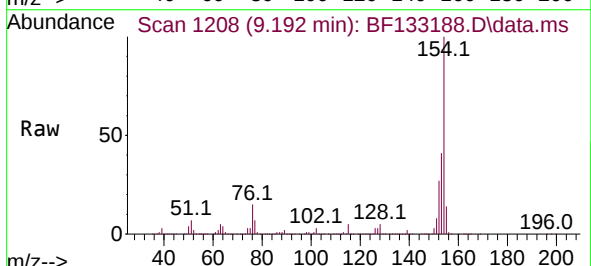
Tgt Ion:172 Resp: 1914148
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.2 19.4 29.2

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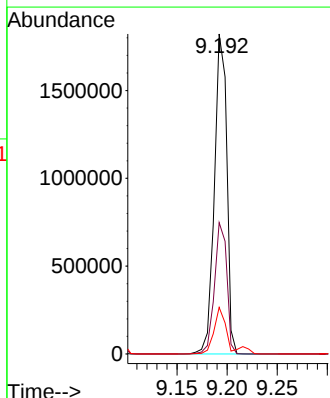
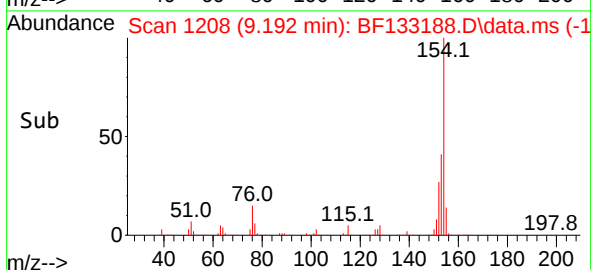
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

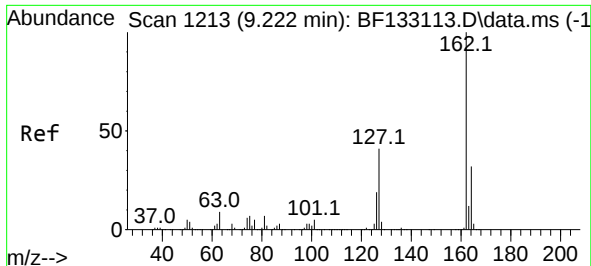


#46
1,1'-Biphenyl
Concen: 45.718 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45



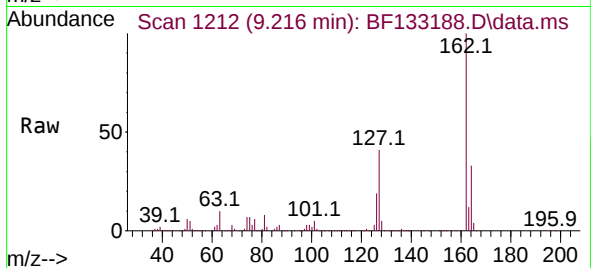
Tgt Ion:154 Resp: 1565198
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 14.5 0.0 34.5





#47
2-Chloronaphthalene
Concen: 47.897 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

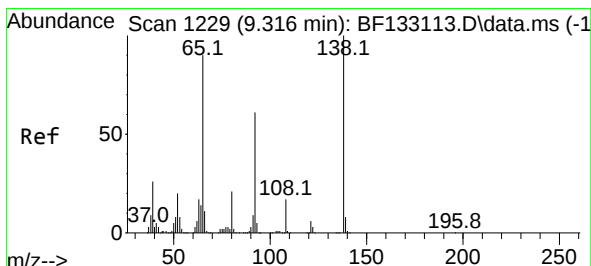
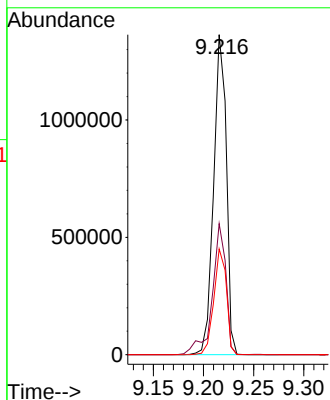
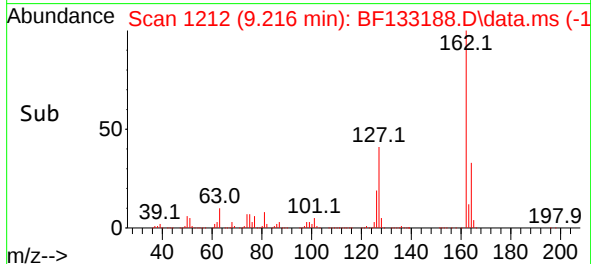
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:162 Resp: 1200214
Ion Ratio Lower Upper
162 100
127 40.9 32.3 48.5
164 33.1 26.8 40.2

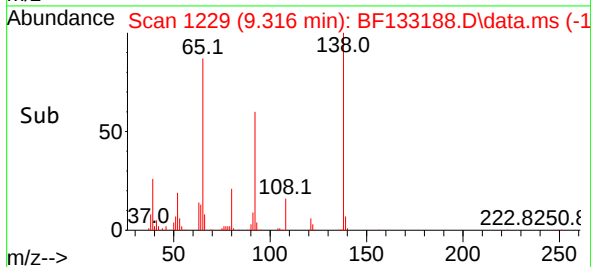
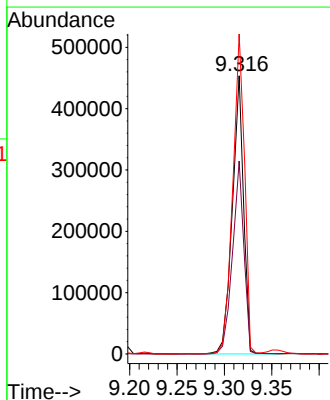
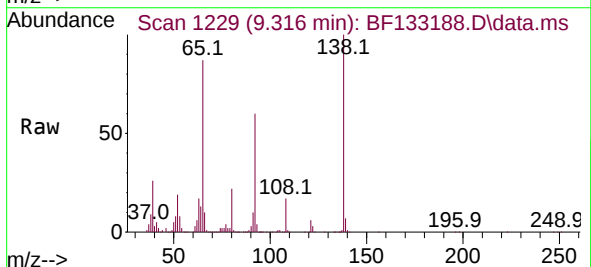
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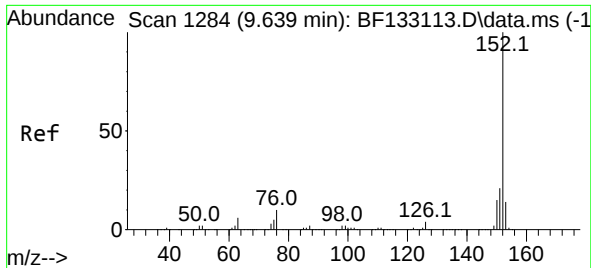
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#48
2-Nitroaniline
Concen: 45.497 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

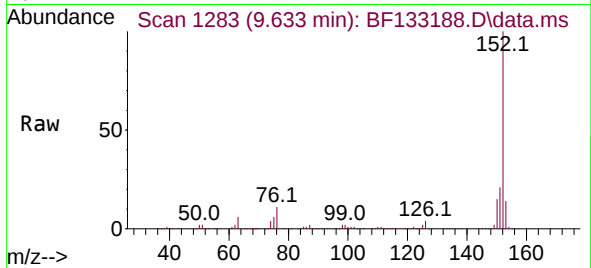
Tgt Ion: 65 Resp: 376788
Ion Ratio Lower Upper
65 100
92 69.3 55.4 83.0
138 115.0 98.2 147.2





#49
Acenaphthylene
Concen: 45.108 ng
RT: 9.633 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

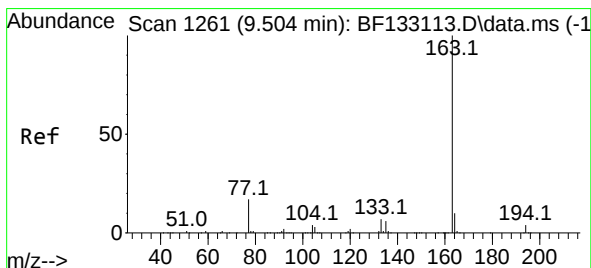
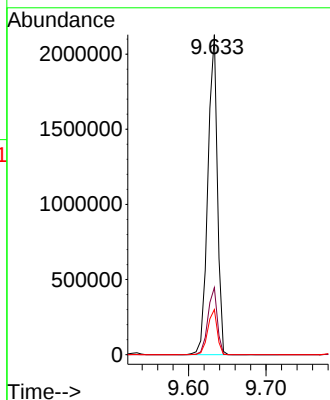
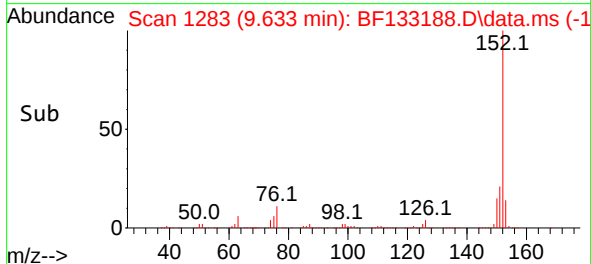
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



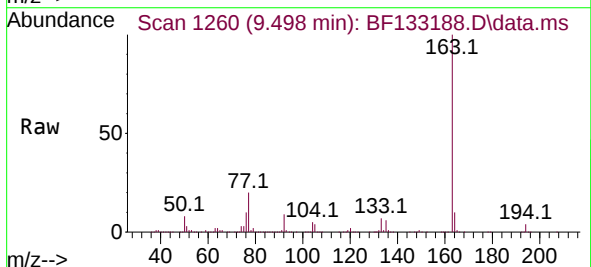
Tgt Ion:152 Resp: 1806119
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.1 11.5 17.3

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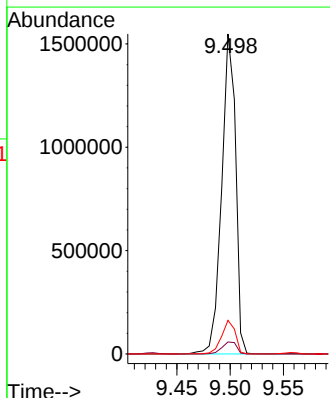
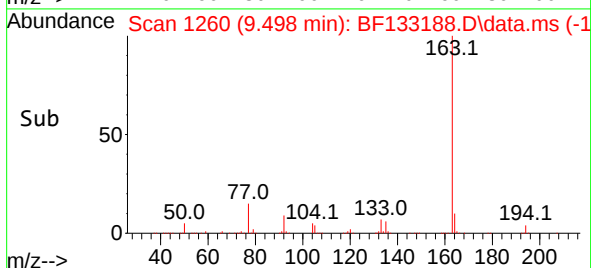
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

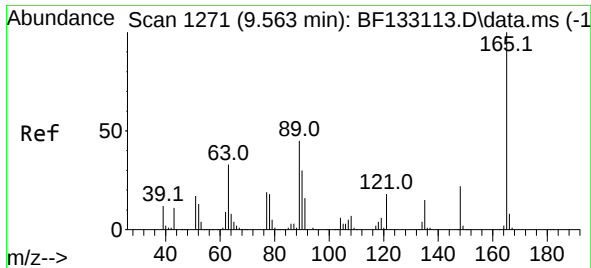


#50
Dimethylphthalate
Concen: 46.653 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45



Tgt Ion:163 Resp: 1404490
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.5 12.7





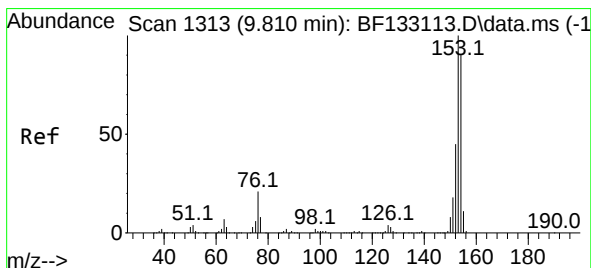
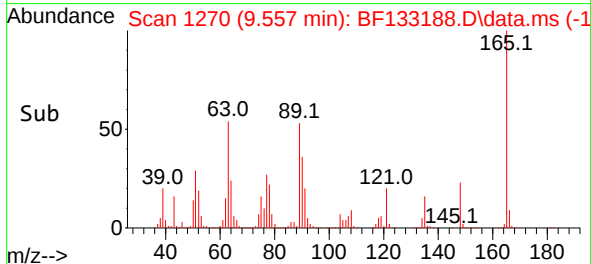
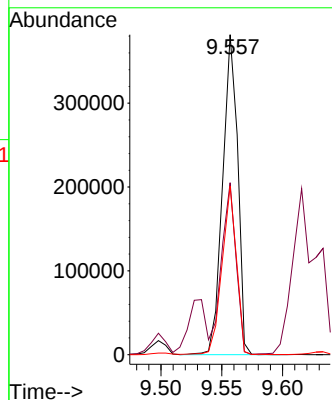
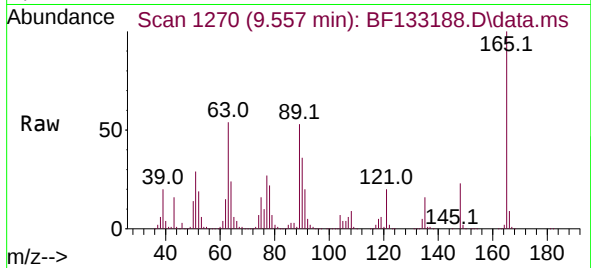
#51
2,6-Dinitrotoluene
Concen: 48.505 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

Tgt Ion:165 Resp: 32866
Ion Ratio Lower Upper
165 100
63 53.8 45.9 68.9
89 52.7 44.0 66.0

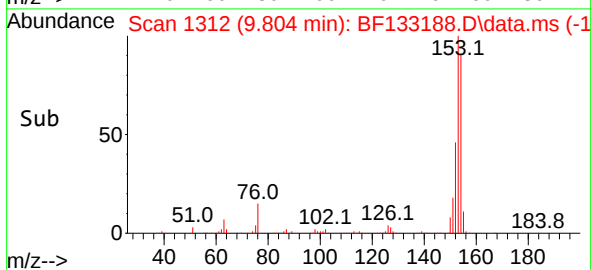
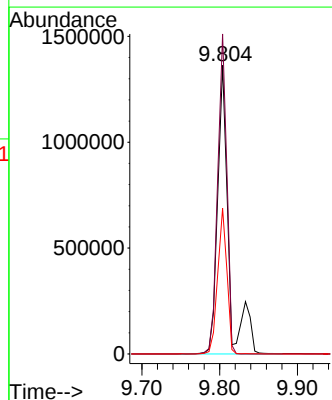
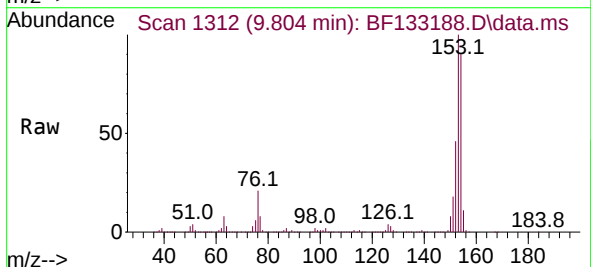
Manual Integrations
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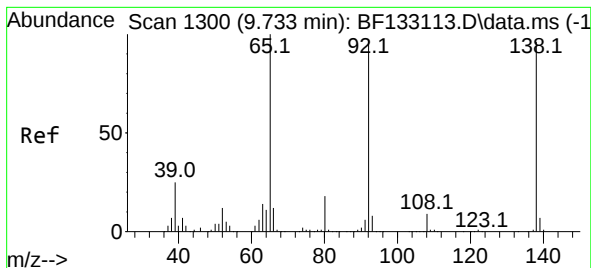
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#52
Acenaphthene
Concen: 50.221 ng m
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Tgt Ion:154 Resp: 1346757
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.6
152 50.5 40.4 60.6





#53

3-Nitroaniline

Concen: 31.385 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

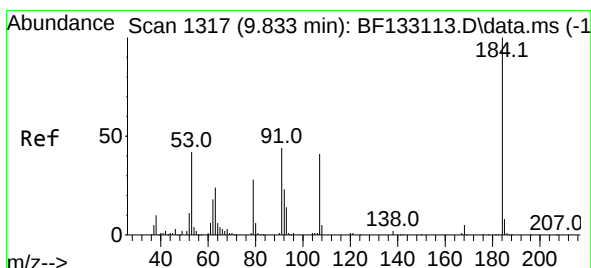
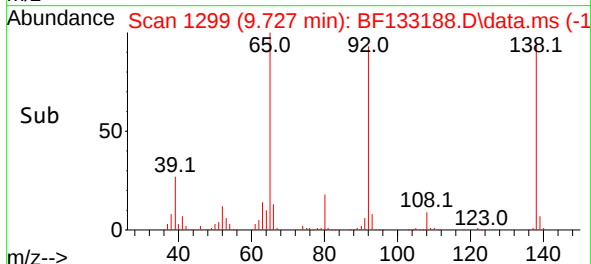
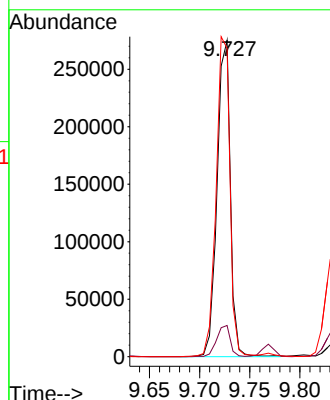
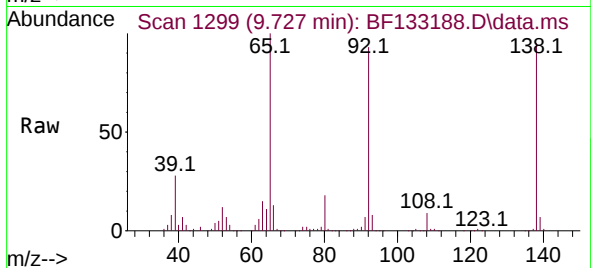
ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion:138 Resp: 25285
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.0 12.0
 92 97.5 83.6 125.4

Manual Integrations
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Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



#54

2,4-Dinitrophenol

Concen: 114.118 ng

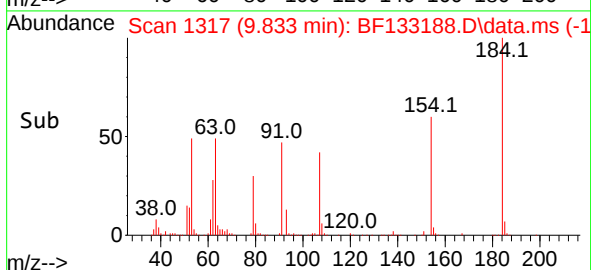
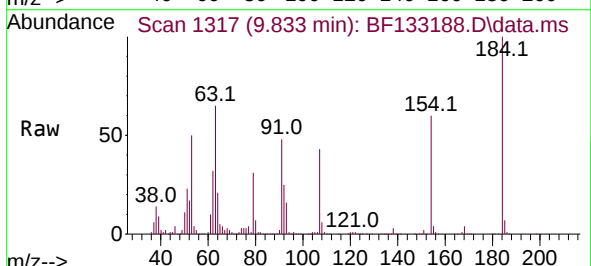
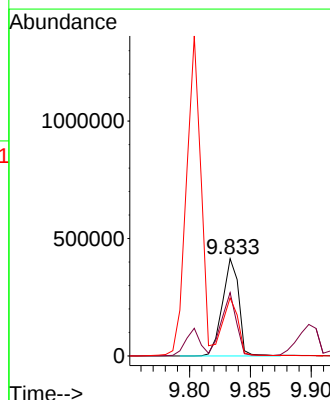
RT: 9.833 min Scan# 1317

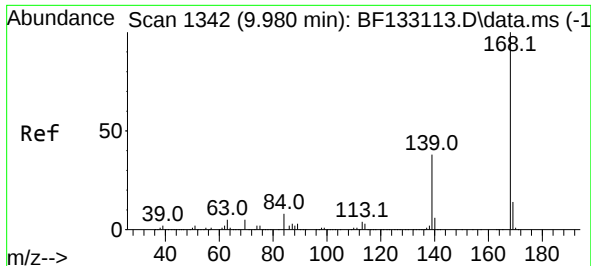
Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

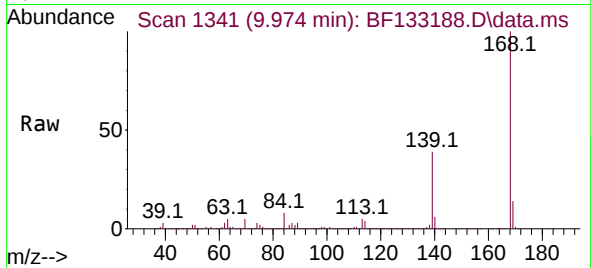
Tgt Ion:184 Resp: 388672
 Ion Ratio Lower Upper
 184 100
 63 65.2 49.8 74.8
 154 59.6 49.5 74.3





#55
Dibenzenofuran
Concen: 44.799 ng
RT: 9.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

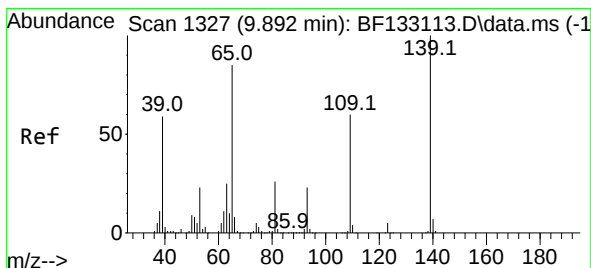
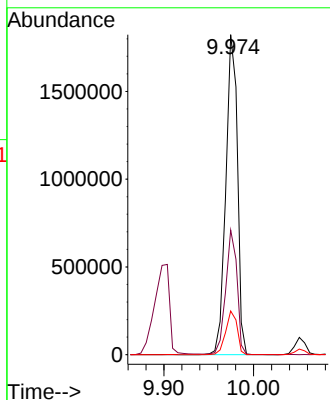
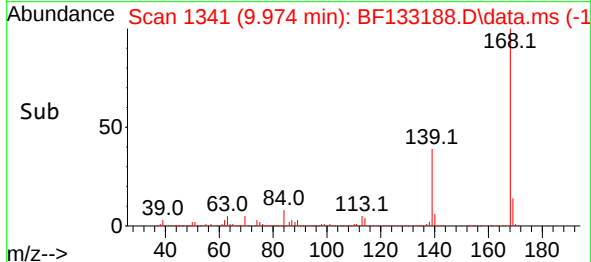
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:168 Resp: 163876
Ion Ratio Lower Upper
168 100
139 38.9 29.8 44.8
169 13.6 10.8 16.2

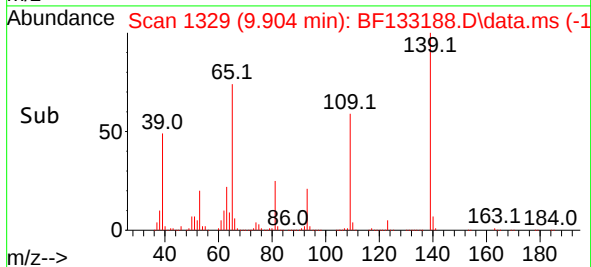
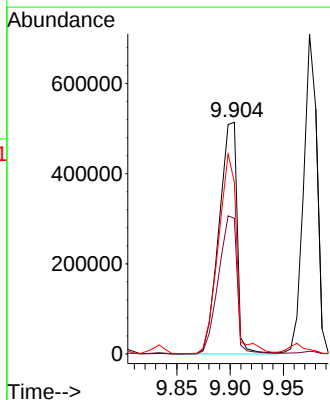
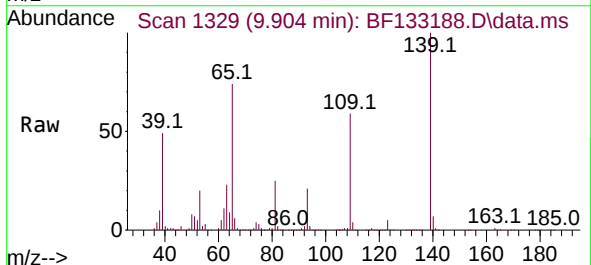
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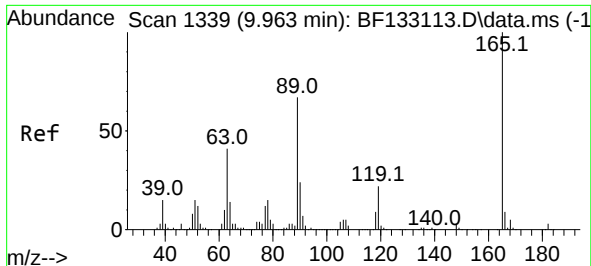
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#56
4-Nitrophenol
Concen: 97.342 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Tgt Ion:139 Resp: 607417
Ion Ratio Lower Upper
139 100
109 58.6 39.4 79.4
65 74.1 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 49.135 ng

RT: 9.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion:165 Resp: 42458

Ion Ratio Lower Upper

165 100

63 42.9 37.7 56.5

89 66.4 57.0 85.4

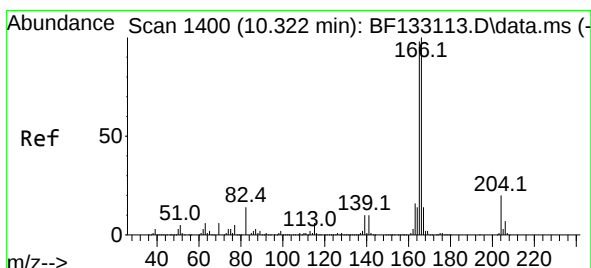
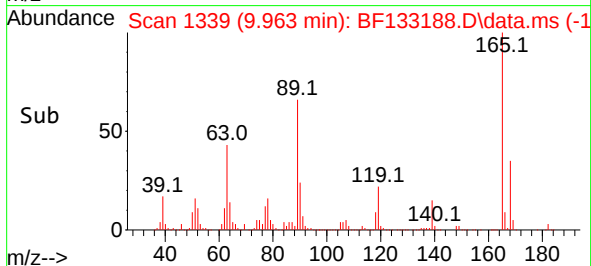
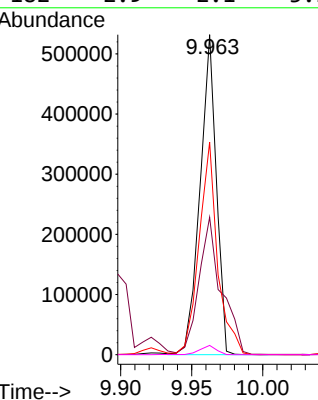
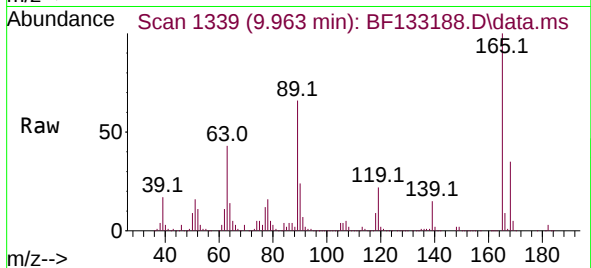
182 2.9 2.1 3.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#58

Fluorene

Concen: 45.158 ng

RT: 10.321 min Scan# 1400

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

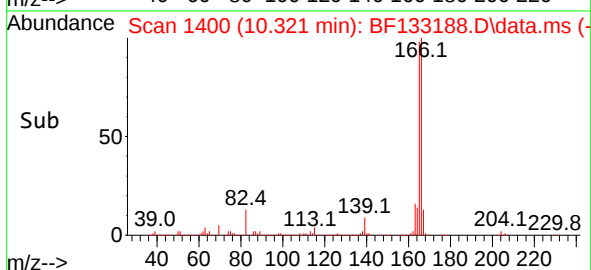
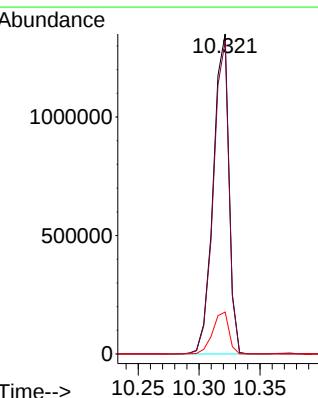
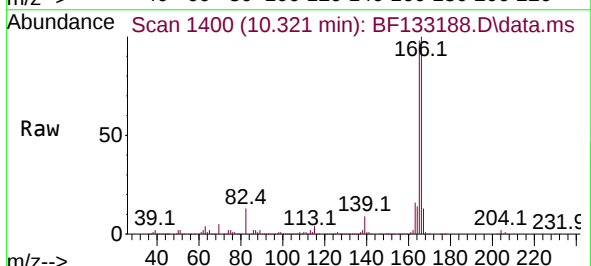
Tgt Ion:166 Resp: 1210246

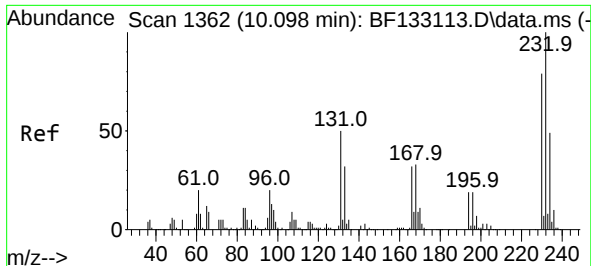
Ion Ratio Lower Upper

166 100

165 97.7 78.6 117.8

167 13.1 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.161 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.000 min

Lab File: BF133188.D

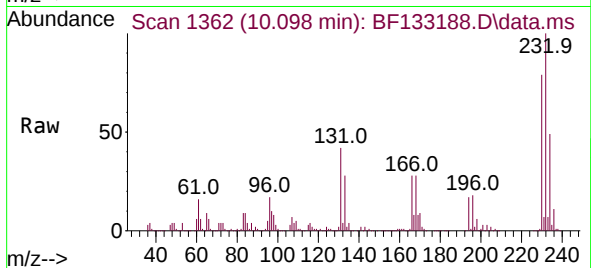
Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



Tgt Ion:232 Resp: 33947

Ion Ratio Lower Upper

232 100

131 46.6 38.0 57.0

130 2.4 1.8 2.8

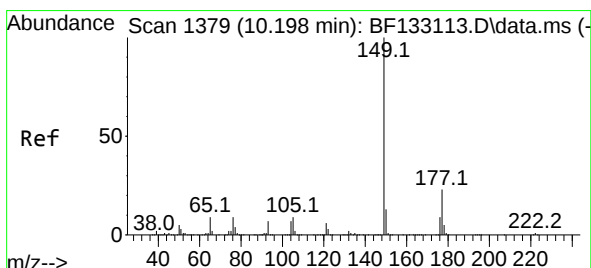
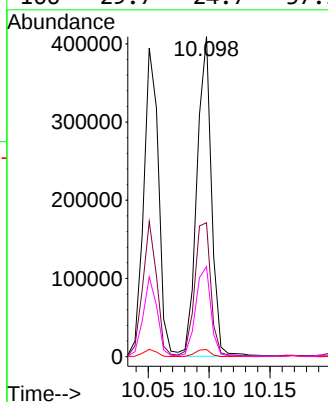
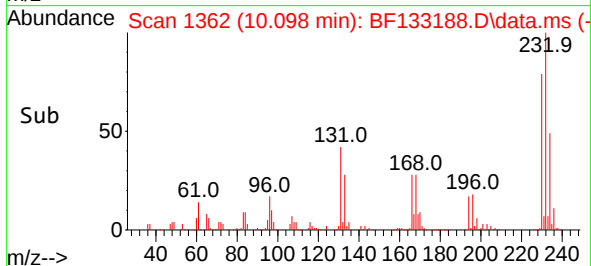
166 29.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#60

Diethylphthalate

Concen: 45.815 ng

RT: 10.198 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

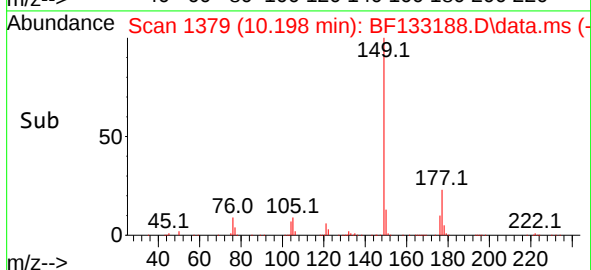
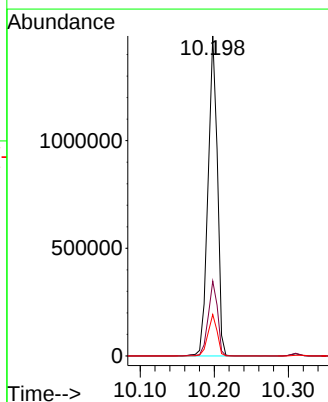
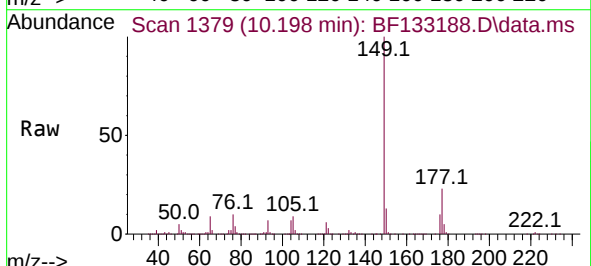
Tgt Ion:149 Resp: 1302803

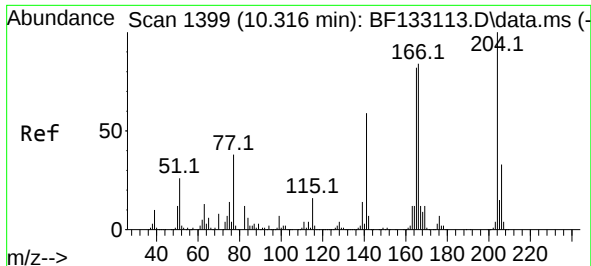
Ion Ratio Lower Upper

149 100

177 23.4 18.2 27.4

150 13.0 10.2 15.4





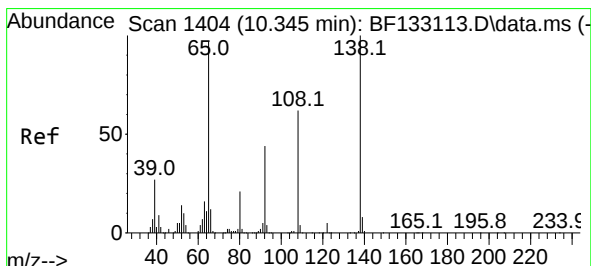
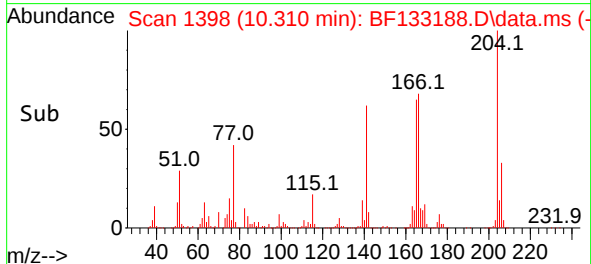
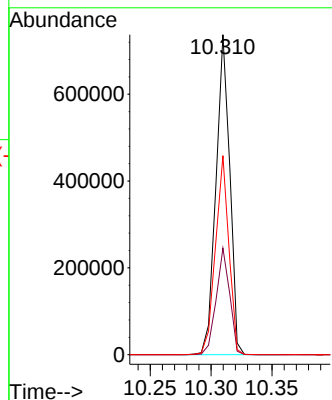
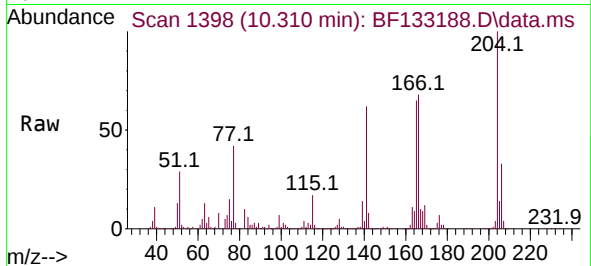
#61
4-Chlorophenyl-phenylether
Concen: 44.487 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

Tgt Ion:204 Resp: 58100
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 62.2 46.1 69.1

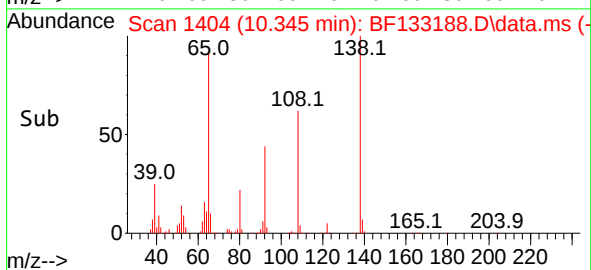
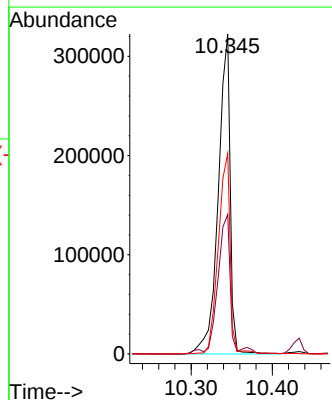
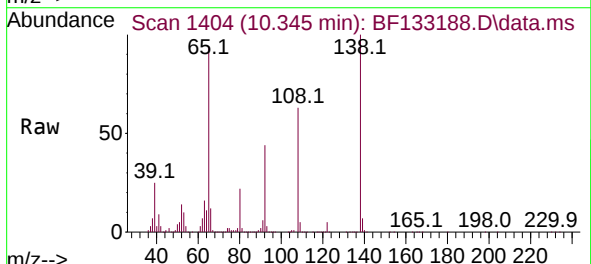
Manual Integrations
APPROVED

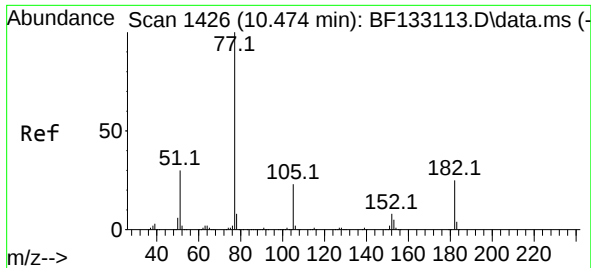
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#62
4-Nitroaniline
Concen: 44.466 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

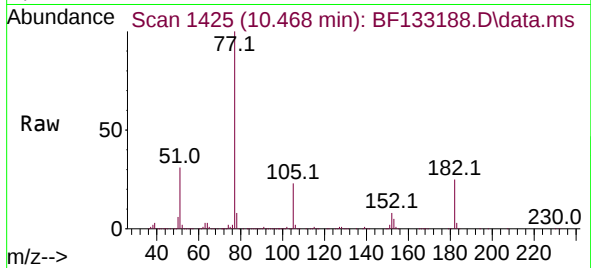
Tgt Ion:138 Resp: 329267
Ion Ratio Lower Upper
138 100
92 43.6 27.7 67.7
108 62.7 45.2 85.2





#63
Azobenzene
Concen: 45.602 ng
RT: 10.468 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

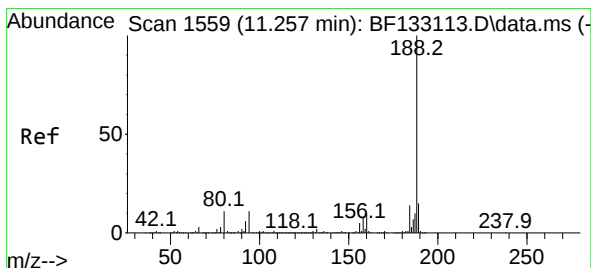
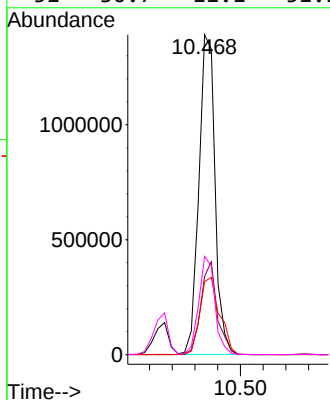
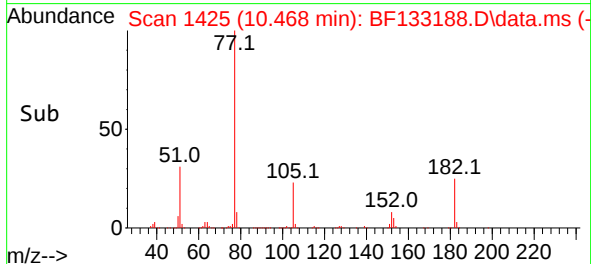
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion: 77 Resp: 1373704
Ion Ratio Lower Upper
77 100
182 24.5 5.9 45.9
105 22.9 2.3 42.3
51 30.7 11.1 51.1

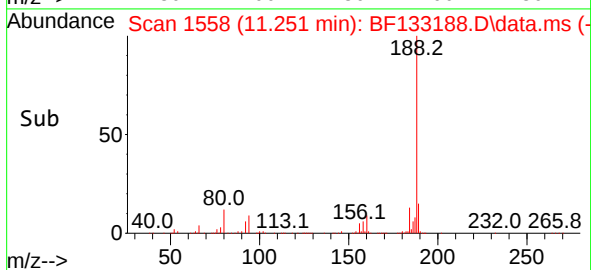
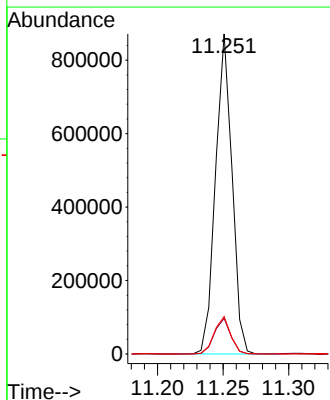
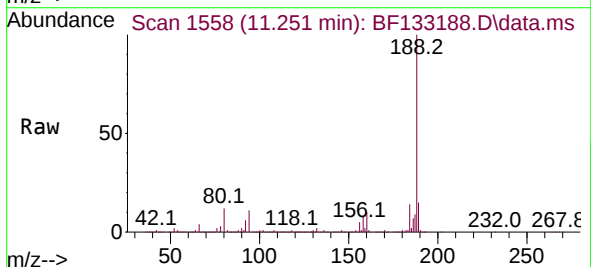
Manual Integrations
APPROVED

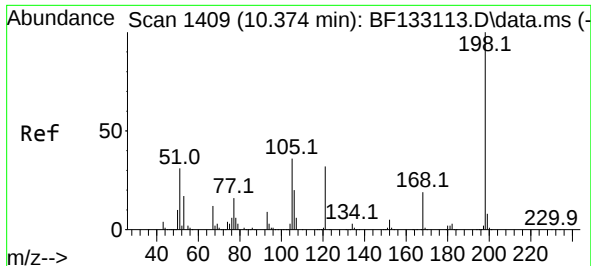
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

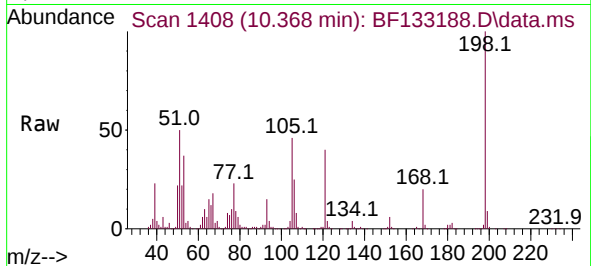
Tgt Ion:188 Resp: 762136
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.7 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 56.121 ng
RT: 10.368 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

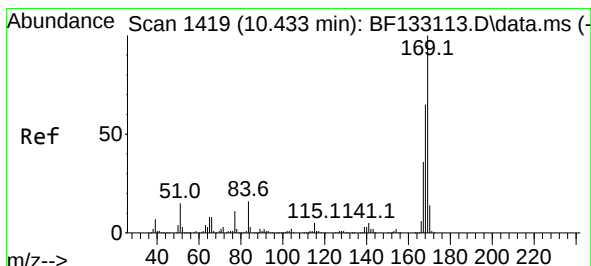
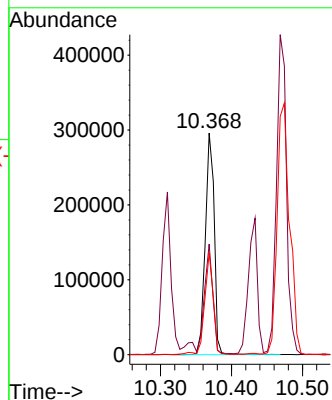
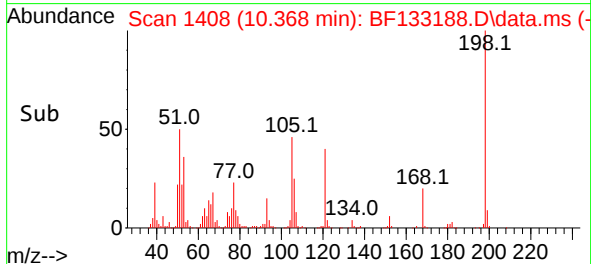
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:198 Resp: 25925
Ion Ratio Lower Upper
198 100
51 49.9 15.5 55.5
105 46.0 16.7 56.7

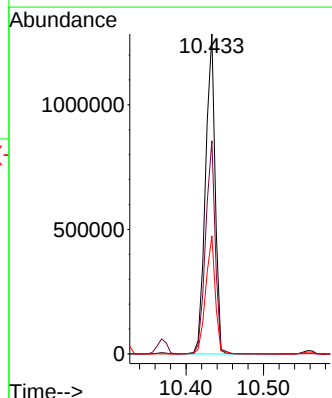
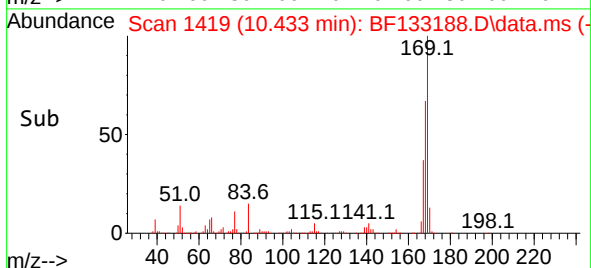
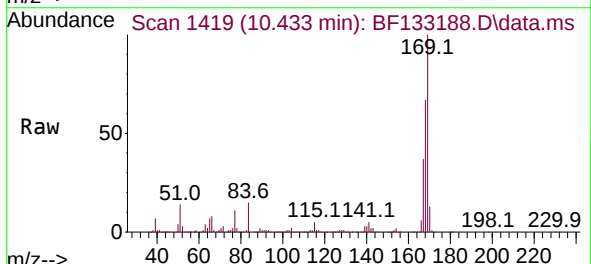
Manual Integrations
APPROVED

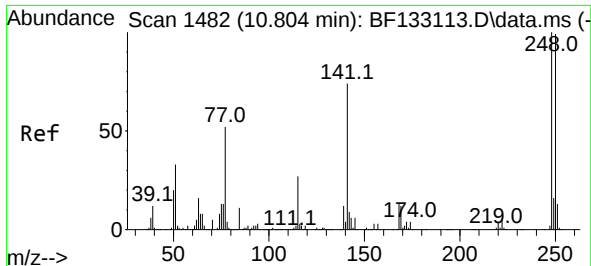
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#66
n-Nitrosodiphenylamine
Concen: 44.955 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

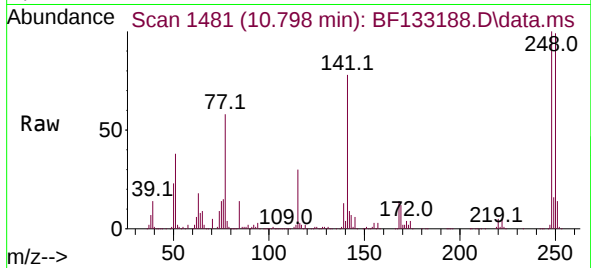
Tgt Ion:169 Resp: 1111359
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 45.177 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

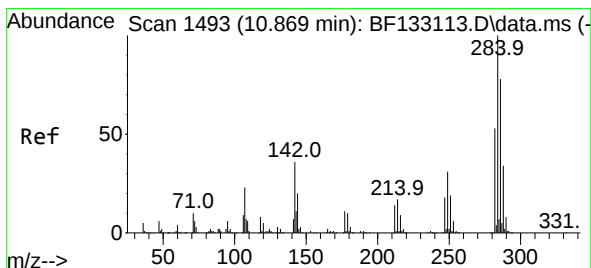
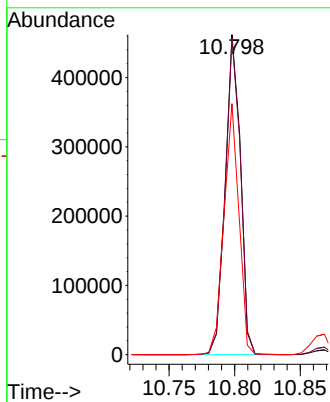
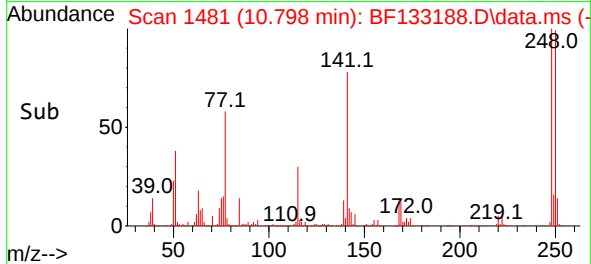
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:248 Resp: 37342
Ion Ratio Lower Upper
248 100
250 98.9 78.7 118.1
141 78.5 56.3 84.5

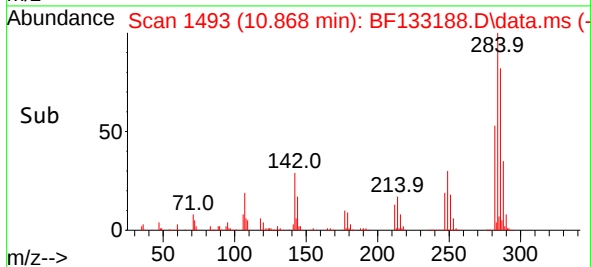
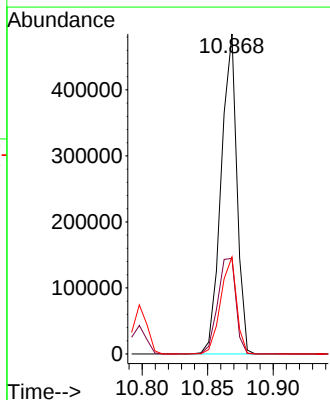
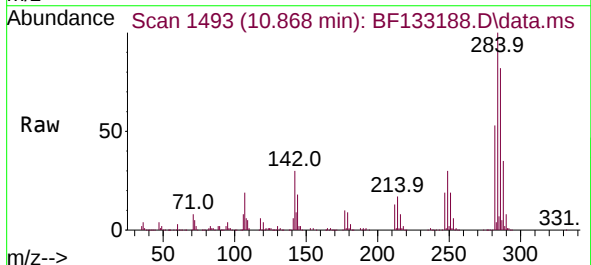
Manual Integrations
APPROVED

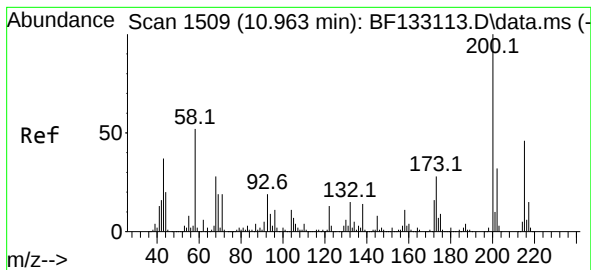
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#68
Hexachlorobenzene
Concen: 47.804 ng
RT: 10.868 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

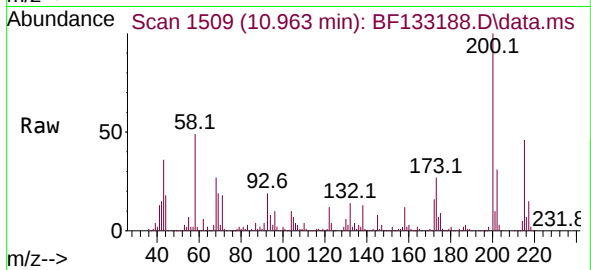
Tgt Ion:284 Resp: 404893
Ion Ratio Lower Upper
284 100
142 29.8 26.0 39.0
249 30.3 23.7 35.5





#69
 Atrazine
 Concen: 52.034 ng
 RT: 10.963 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: BF133188.D
 Acq: 02 May 2023 14:45

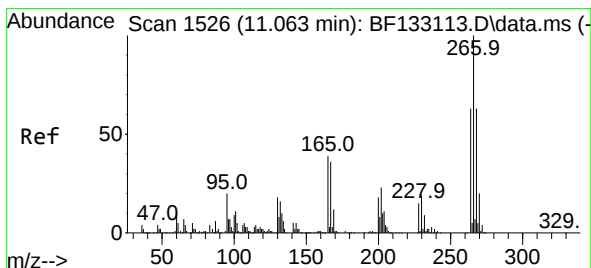
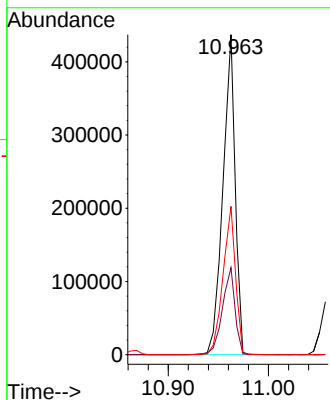
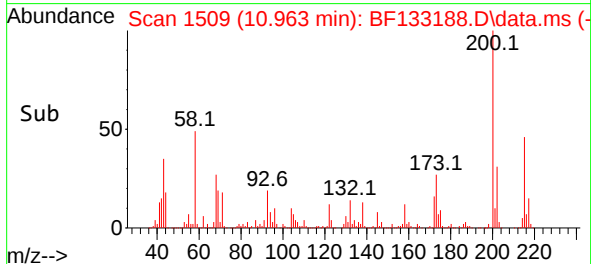
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MS



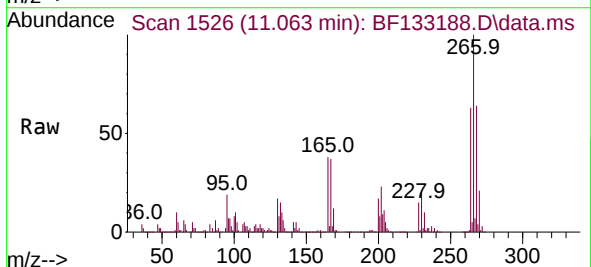
Tgt Ion:200 Resp: 370658
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.2 46.2
 215 46.4 26.3 66.3

Manual Integrations
 APPROVED

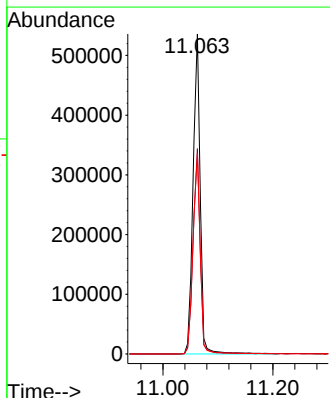
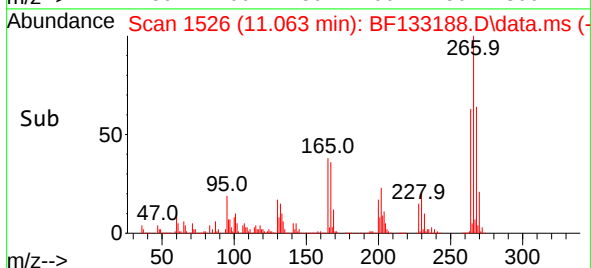
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

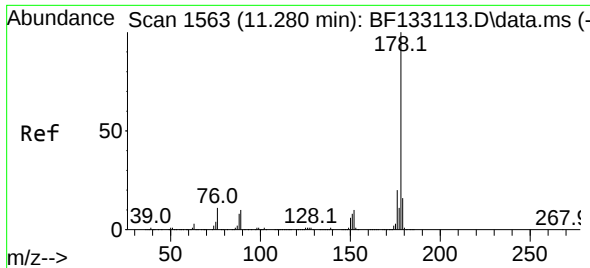


#70
 Pentachlorophenol
 Concen: 79.922 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BF133188.D
 Acq: 02 May 2023 14:45



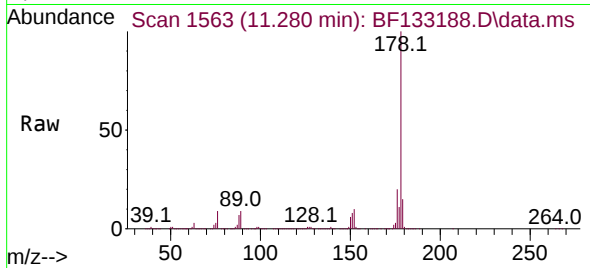
Tgt Ion:266 Resp: 482102
 Ion Ratio Lower Upper
 266 100
 268 64.2 48.8 73.2
 264 62.7 50.6 76.0





#71
Phenanthrene
Concen: 44.987 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

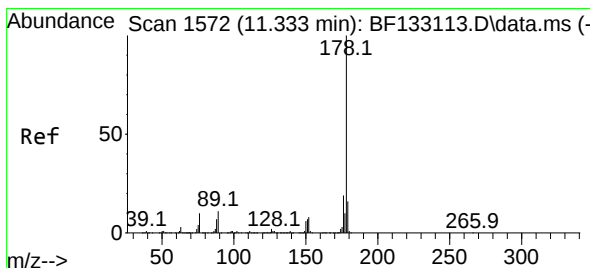
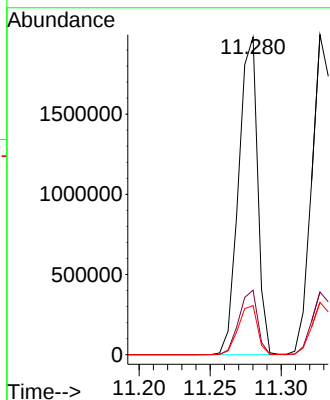
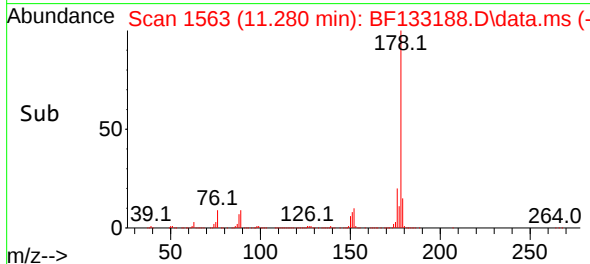
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:178 Resp: 1842799
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.5 12.5 18.7

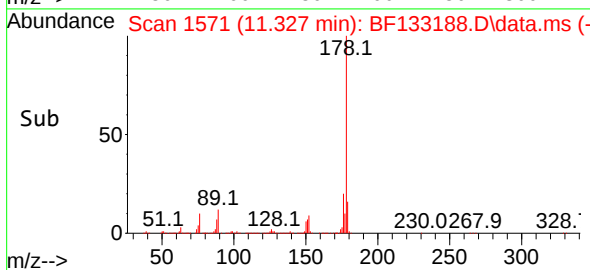
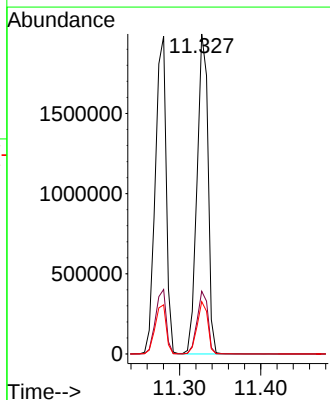
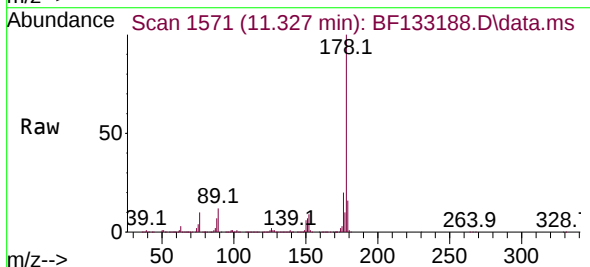
Manual Integrations
APPROVED

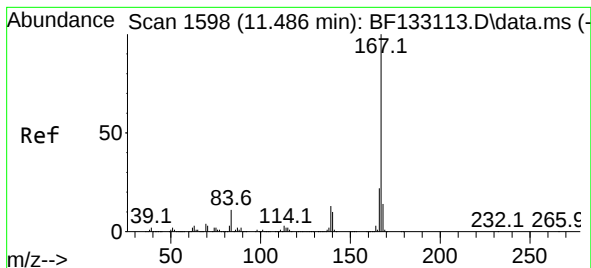
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#72
Anthracene
Concen: 44.970 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

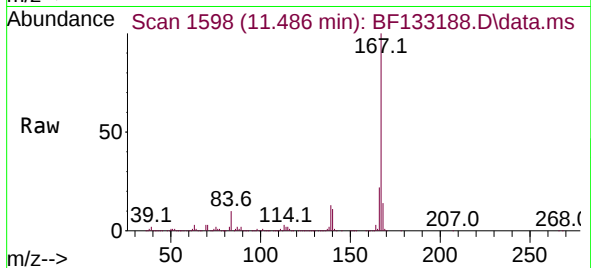
Tgt Ion:178 Resp: 1885161
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.4 12.4 18.6





#73
 Carbazole
 Concen: 45.729 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BF133188.D
 Acq: 02 May 2023 14:45

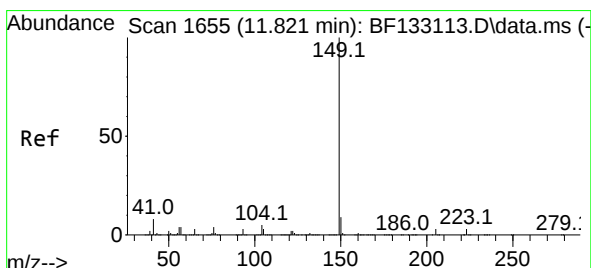
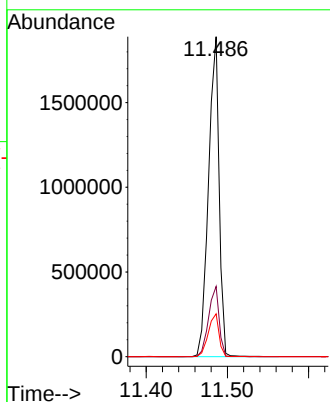
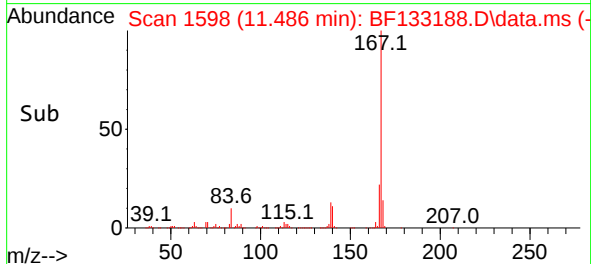
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MS



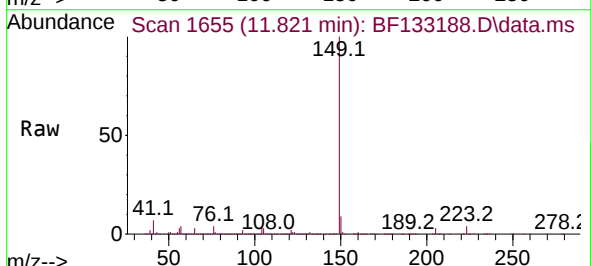
Tgt Ion:167 Resp: 170694
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.4 10.6 16.0

Manual Integrations
 APPROVED

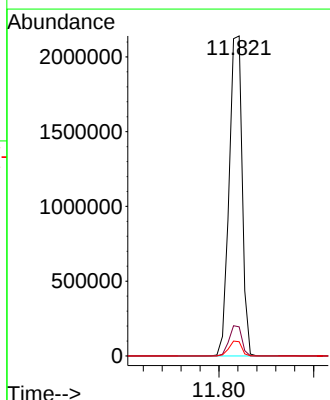
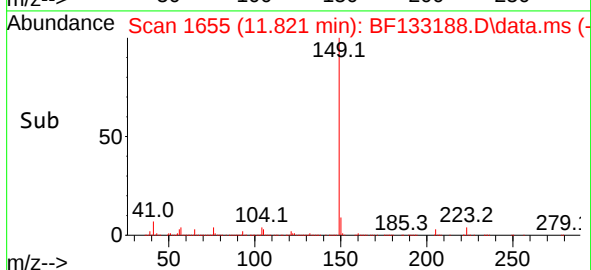
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

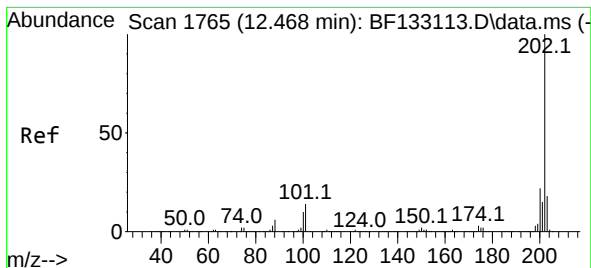


#74
 Di-n-butylphthalate
 Concen: 48.194 ng
 RT: 11.821 min Scan# 1655
 Delta R.T. -0.000 min
 Lab File: BF133188.D
 Acq: 02 May 2023 14:45



Tgt Ion:149 Resp: 2035789
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.6 11.4
 104 4.4 4.0 6.0





#75

Fluoranthene

Concen: 44.610 ng

RT: 12.462 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133188.D

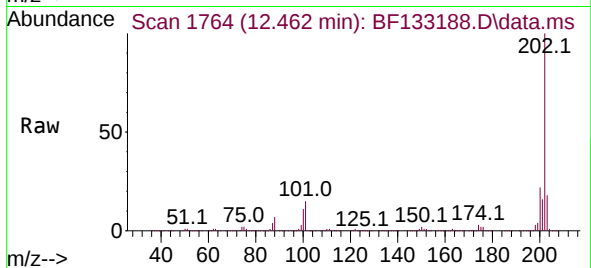
Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



Tgt Ion:202 Resp: 183396

Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.3

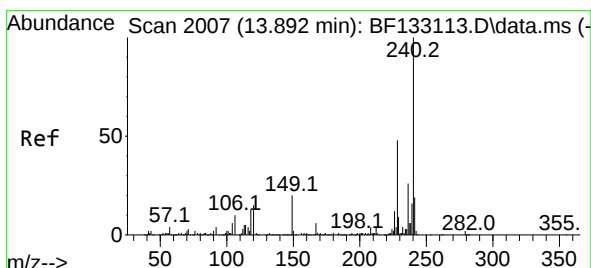
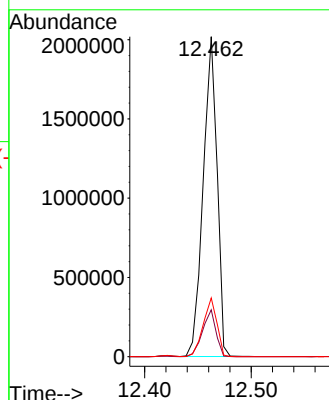
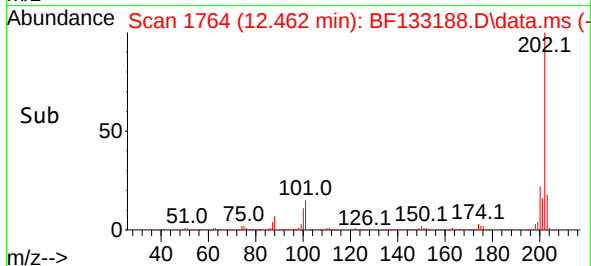
203 18.3 0.0 38.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

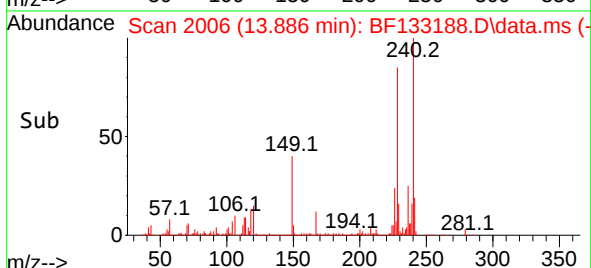
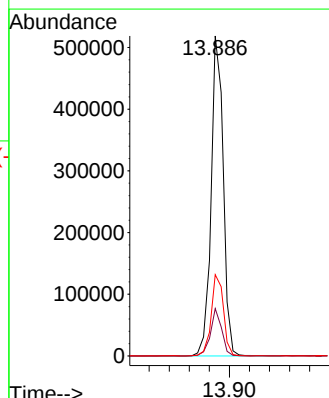
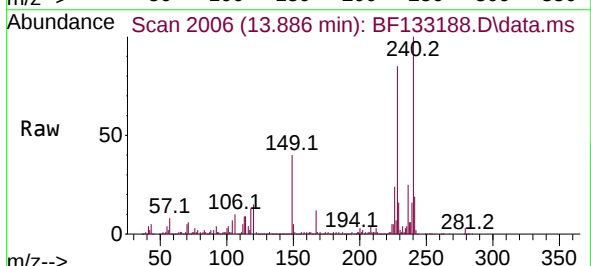
Tgt Ion:240 Resp: 437026

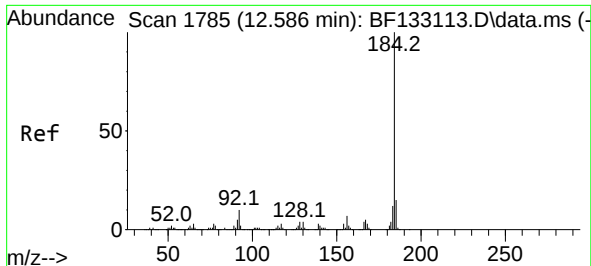
Ion Ratio Lower Upper

240 100

120 14.8 10.5 15.7

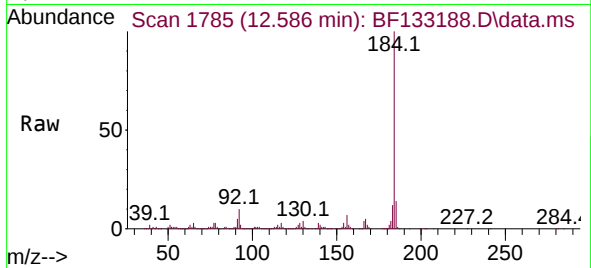
236 25.4 21.5 32.3





#77
Benzidine
Concen: 68.654 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

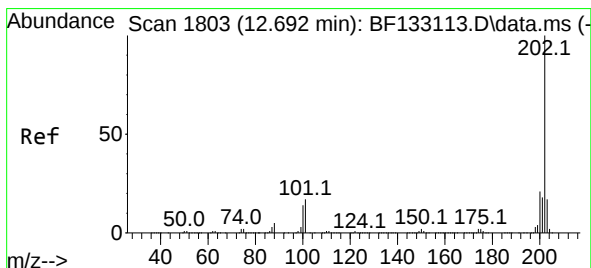
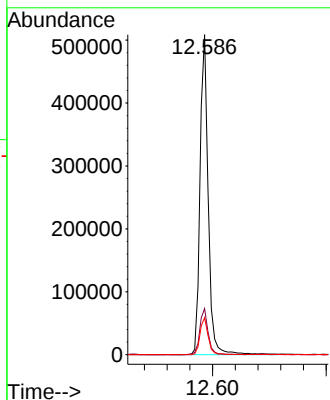
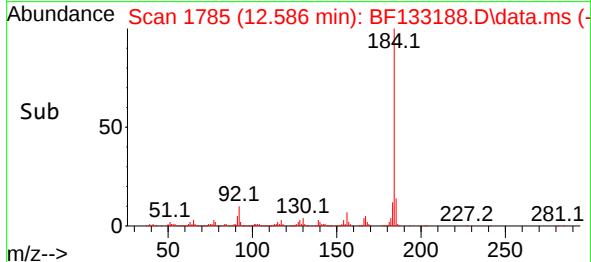
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:184 Resp: 50737
Ion Ratio Lower Upper
184 100
185 14.4 15.4 23.2
183 11.6 9.4 14.0

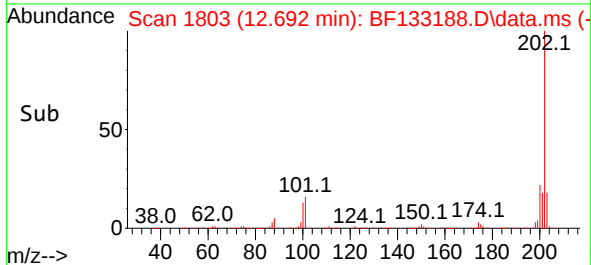
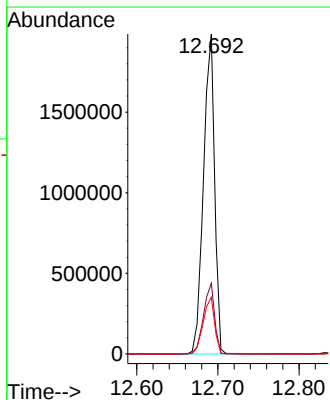
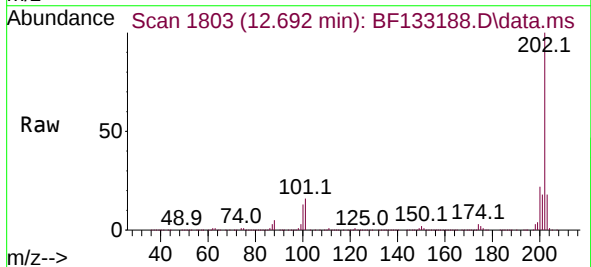
Manual Integrations
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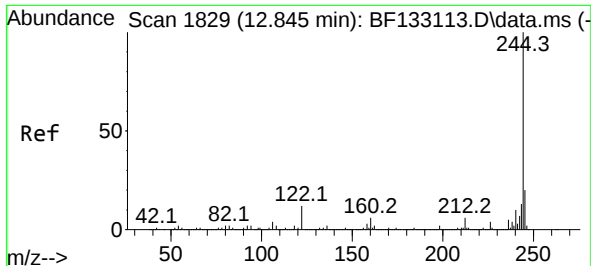
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#78
Pyrene
Concen: 50.251 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

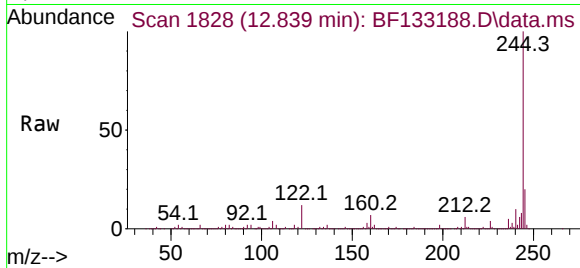
Tgt Ion:202 Resp: 1882556
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 83.091 ng
 RT: 12.839 min Scan# 1829
 Delta R.T. -0.000 min
 Lab File: BF133188.D
 Acq: 02 May 2023 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MS

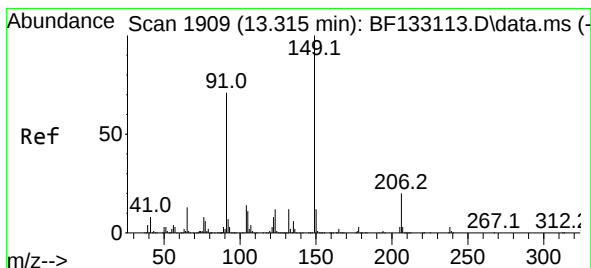
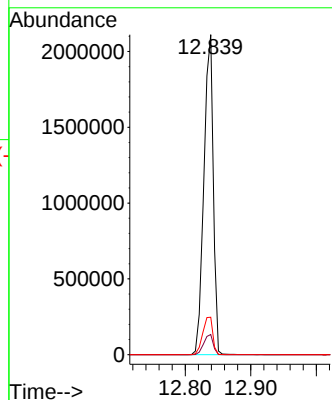
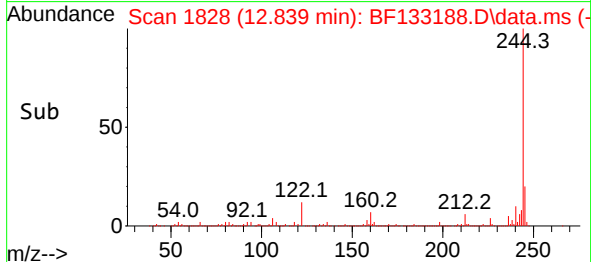


Tgt Ion:244 Resp: 2105490

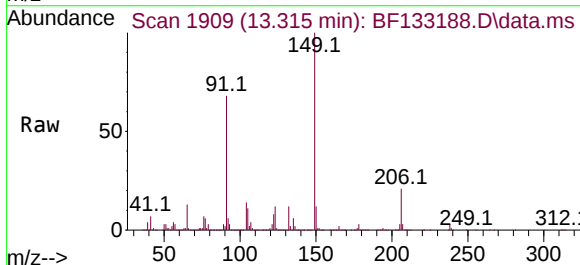
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.1	7.7
122	11.7	8.6	13.0

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Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

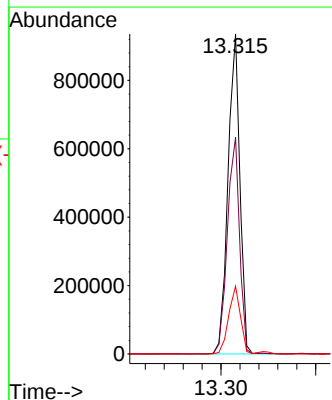
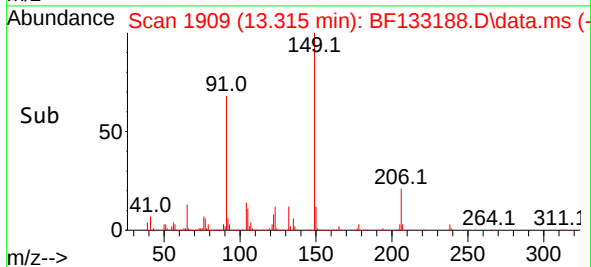


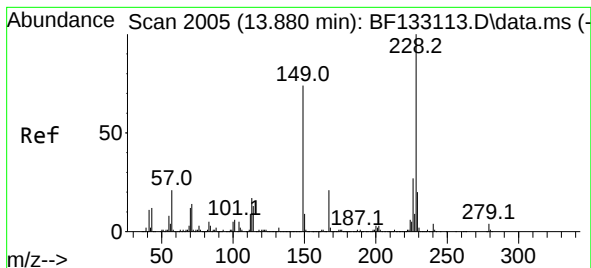
#80
 Butylbenzylphthalate
 Concen: 61.487 ng
 RT: 13.315 min Scan# 1909
 Delta R.T. -0.000 min
 Lab File: BF133188.D
 Acq: 02 May 2023 14:45



Tgt Ion:149 Resp: 815615

Ion	Ratio	Lower	Upper
149	100		
91	67.7	53.8	80.6
206	21.2	17.5	26.3





#81

Benzo(a)anthracene

Concen: 45.046 ng

RT: 13.874 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion:228 Resp: 1353760

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

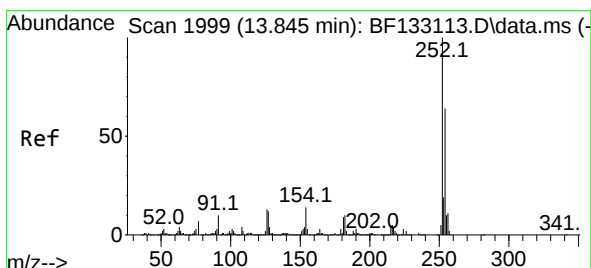
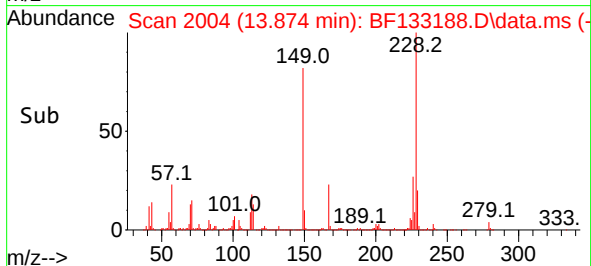
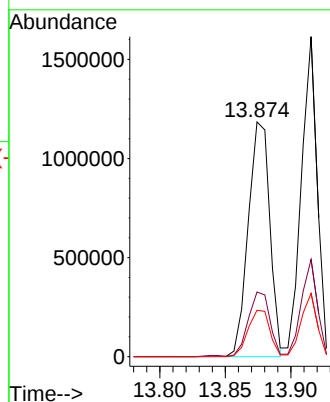
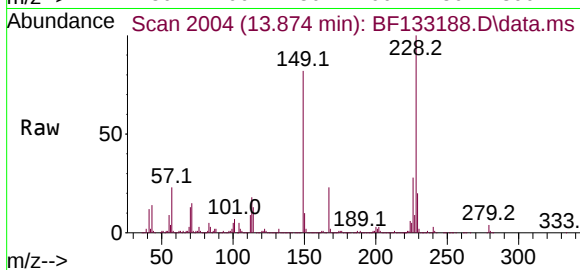
229 19.8 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 45.686 ng

RT: 13.839 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

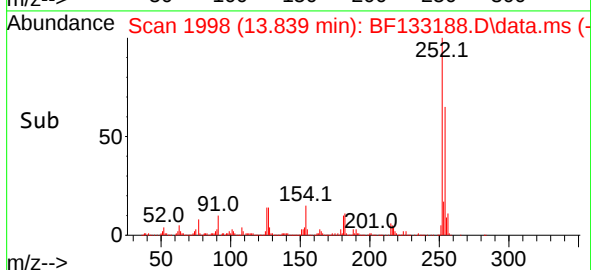
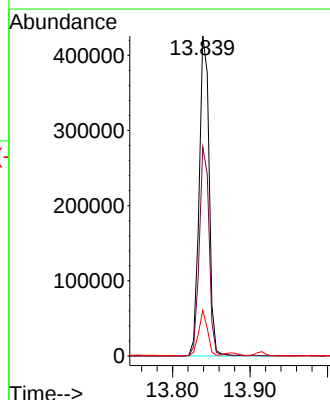
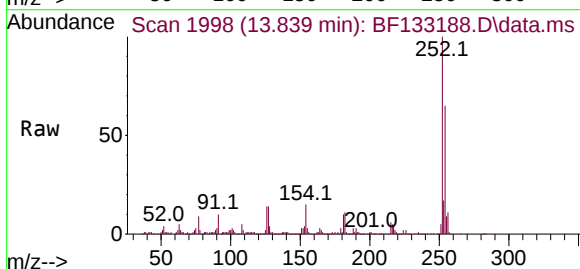
Tgt Ion:252 Resp: 379292

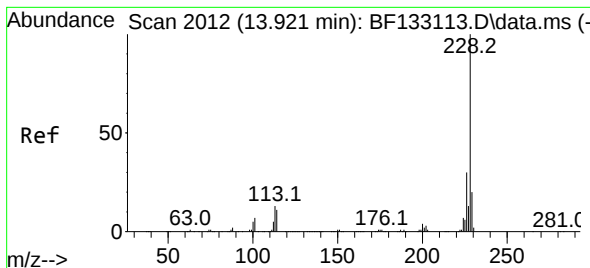
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 14.3 9.5 14.3





#83

Chrysene

Concen: 45.114 ng

RT: 13.915 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF133188.D

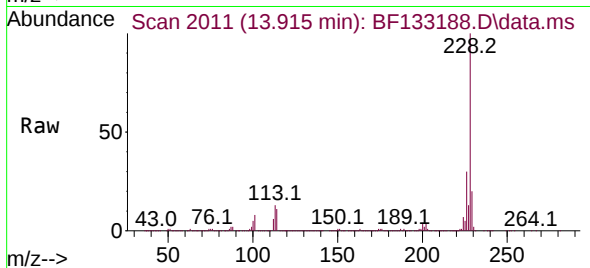
Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



Tgt Ion:228 Resp: 1355474

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

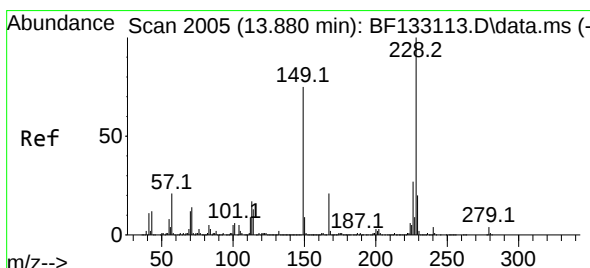
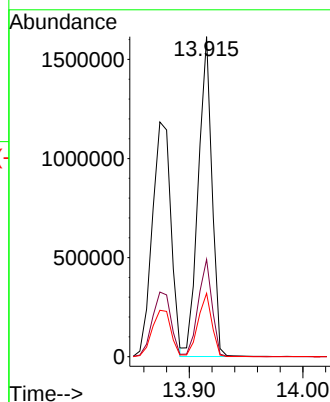
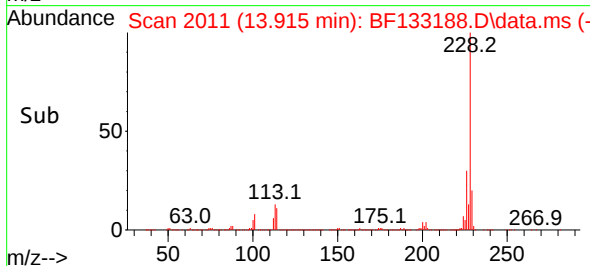
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.572 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

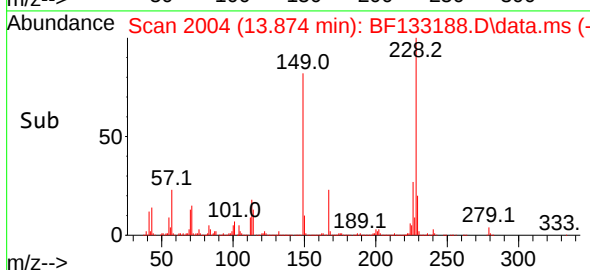
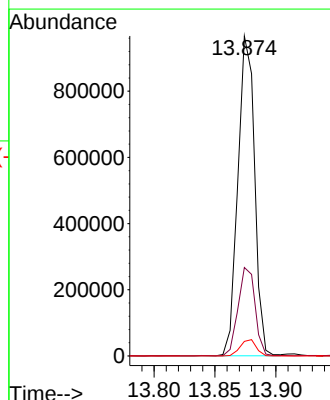
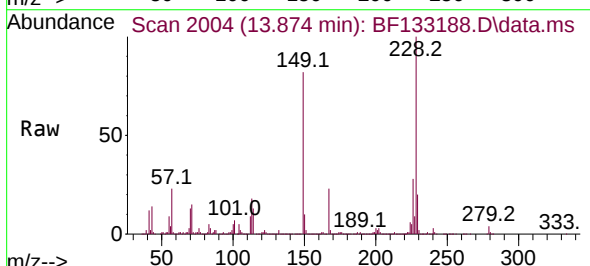
Tgt Ion:149 Resp: 925257

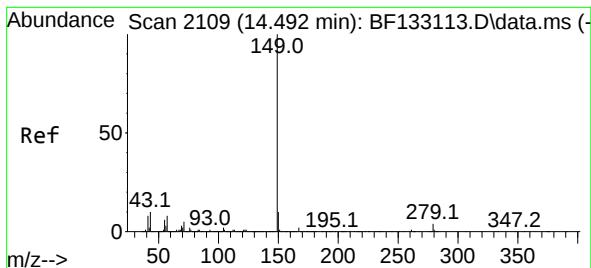
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 59.480 ng

RT: 14.486 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BF133188.D

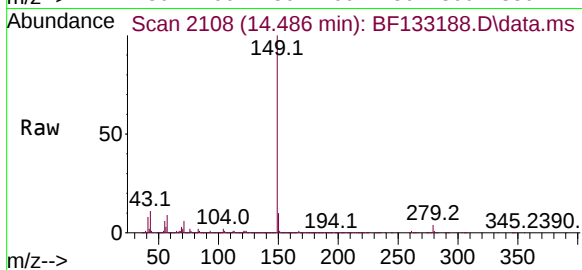
Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS



Tgt Ion:149 Resp: 161476

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

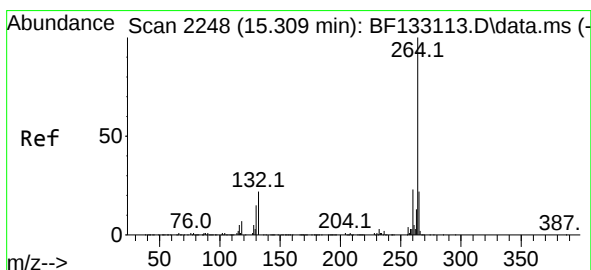
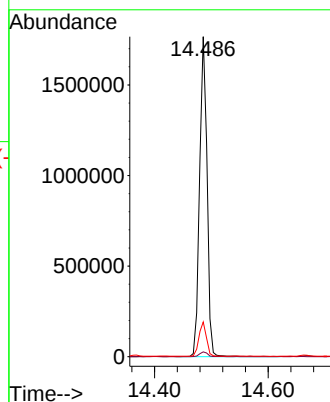
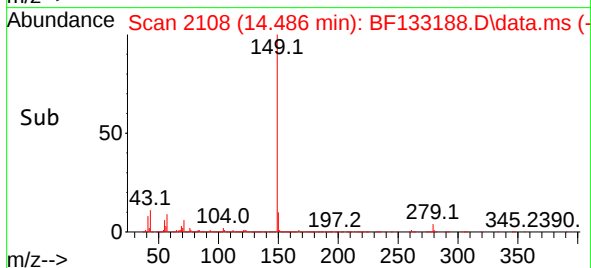
43 10.8 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.303 min Scan# 2247

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

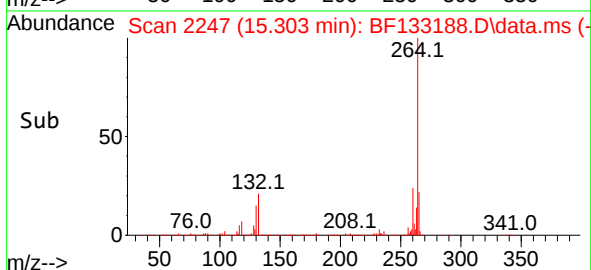
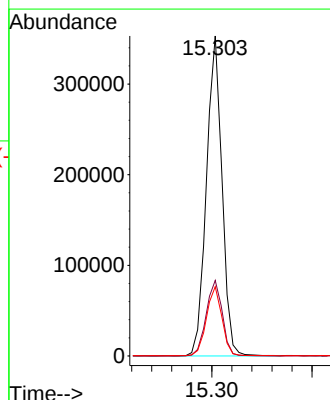
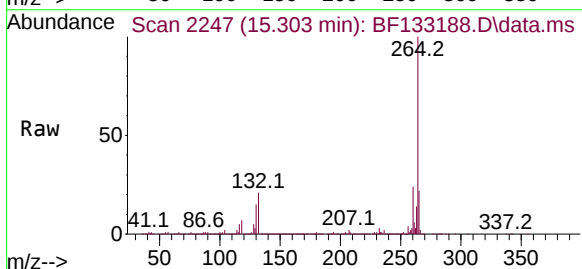
Tgt Ion:264 Resp: 382906

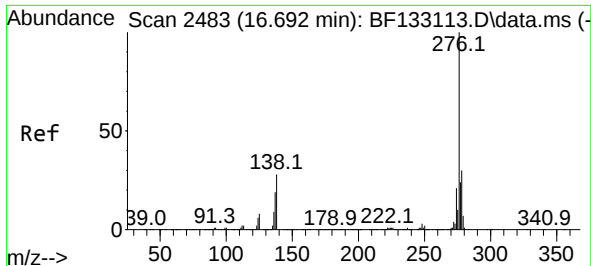
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

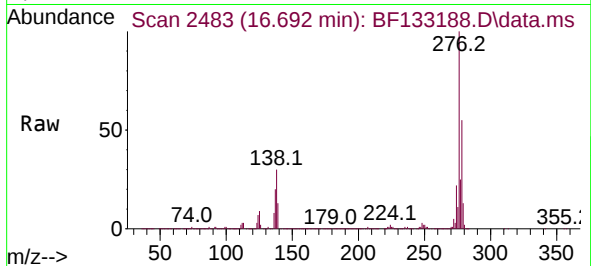
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.958 ng
RT: 16.692 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

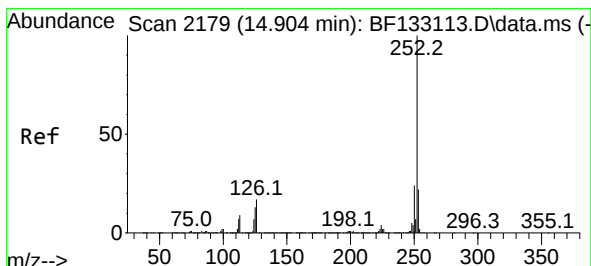
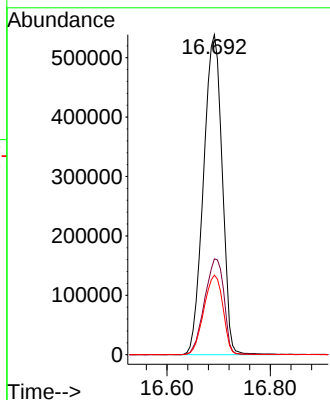
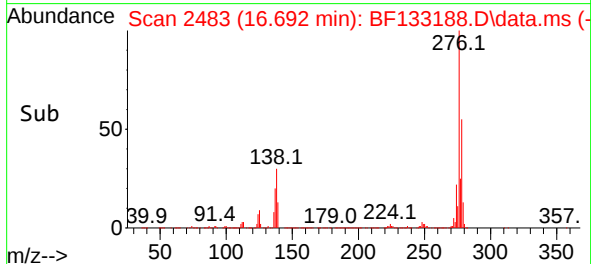
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:276 Resp: 134948
Ion Ratio Lower Upper
276 100
138 30.9 25.5 38.3
277 25.5 20.4 30.6

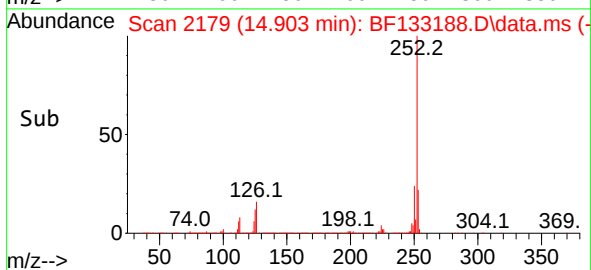
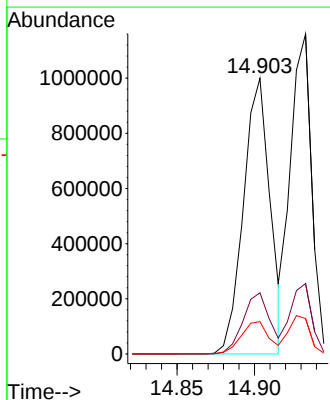
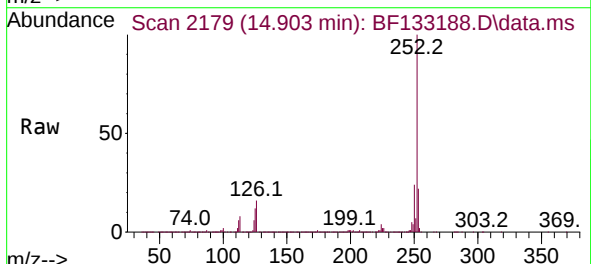
Manual Integrations
APPROVED

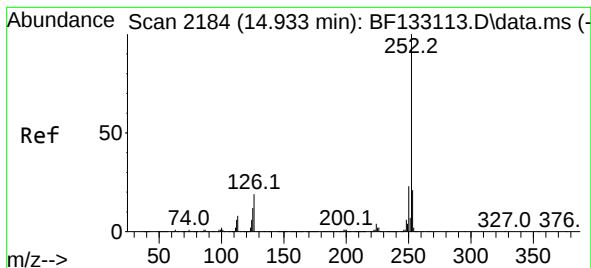
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#88
Benzo(b)fluoranthene
Concen: 49.005 ng
RT: 14.903 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Tgt Ion:252 Resp: 1193773
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 45.921 ng

RT: 14.933 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MS

Tgt Ion:252 Resp: 1108892

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

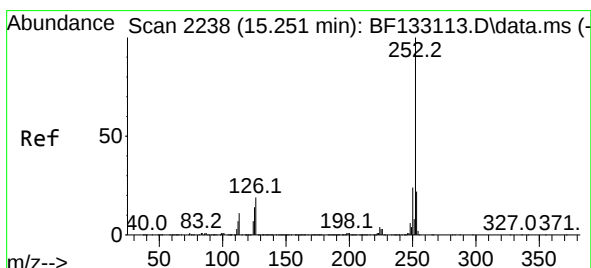
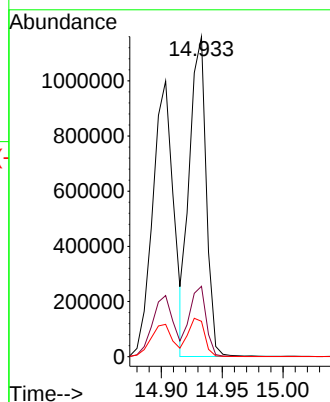
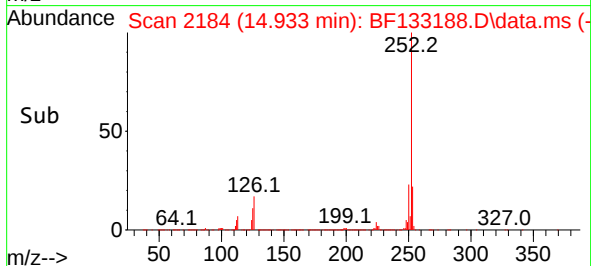
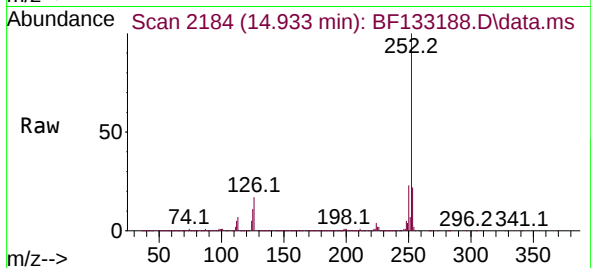
125 11.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#90

Benzo(a)pyrene

Concen: 45.273 ng

RT: 15.245 min Scan# 2237

Delta R.T. -0.006 min

Lab File: BF133188.D

Acq: 02 May 2023 14:45

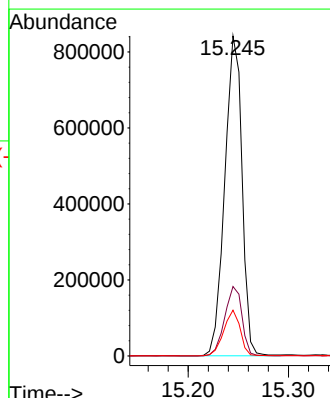
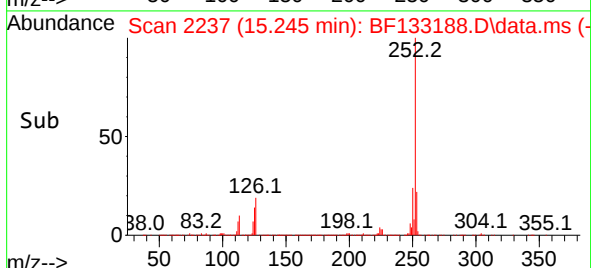
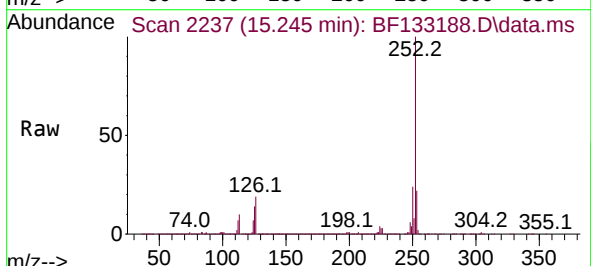
Tgt Ion:252 Resp: 1003816

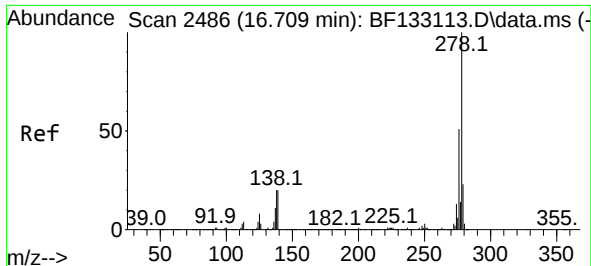
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

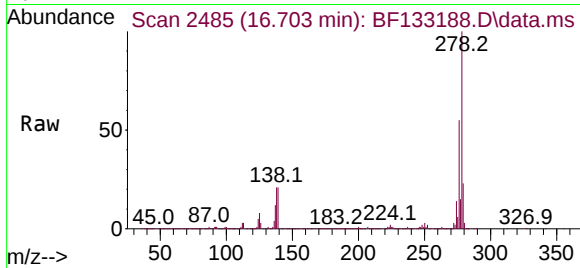
125 14.3 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 61.701 ng
RT: 16.703 min Scan# 2485
Delta R.T. -0.006 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

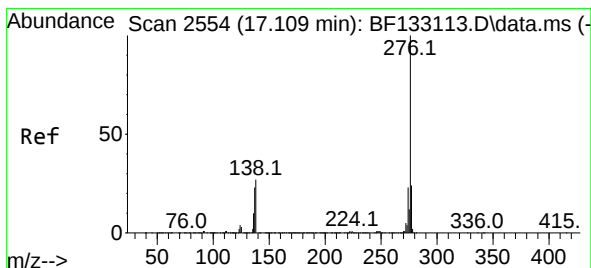
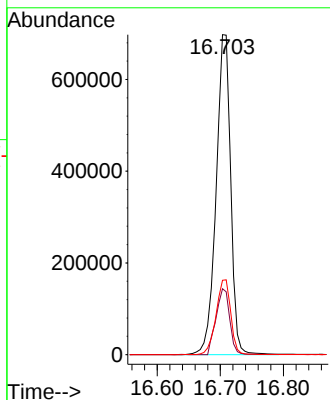
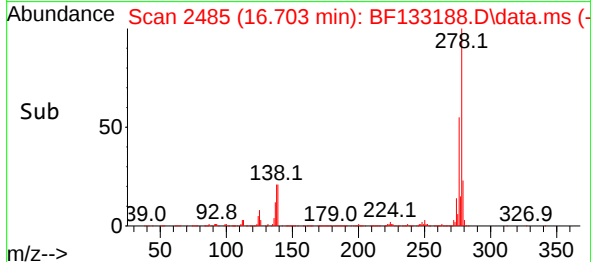
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS



Tgt Ion:278 Resp: 1120860
Ion Ratio Lower Upper
278 100
139 20.6 16.6 24.8
279 23.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#92
Benzo(g,h,i)perylene
Concen: 63.701 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BF133188.D
Acq: 02 May 2023 14:45

Tgt Ion:276 Resp: 1142442
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 26.3 22.7 34.1

