

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133235.D
 Acq On : 04 May 2023 17:31
 Operator : CG\JU
 Sample : 02604-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1MS

Manual Integrations
 APPROVED

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

Quant Time: May 04 18:13:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	201664	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	828206	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	430546	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	763430	20.000	ng	0.00
76) Chrysene-d12	13.880	240	342932	20.000	ng	0.00
86) Perylene-d12	15.298	264	409673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1269427	95.089	ng	0.01
7) Phenol-d6	6.375	99	1587927	95.832	ng	0.00
23) Nitrobenzene-d5	7.292	82	970774	63.268	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	409136	94.489	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1706060	66.293	ng	0.00
79) Terphenyl-d14	12.833	244	1796131	90.331	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	270769	43.728	ng	98
3) Pyridine	3.157	79	688586	41.869	ng	97
4) n-Nitrosodimethylamine	3.122	42	386568	45.379	ng	99
6) Aniline	6.392	93	771130	36.133	ng	# 84
8) 2-Chlorophenol	6.516	128	663831	48.975	ng	93
9) Benzaldehyde	6.269	77	369081	54.586	ng	99
10) Phenol	6.386	94	797991	43.655	ng	76
11) bis(2-Chloroethyl)ether	6.463	93	623873	45.481	ng	99
12) 1,3-Dichlorobenzene	6.669	146	686900	47.665	ng	99
13) 1,4-Dichlorobenzene	6.745	146	696557	48.229	ng	98
14) 1,2-Dichlorobenzene	6.898	146	671865	50.458	ng	98
15) Benzyl Alcohol	6.875	79	558848	48.825	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	1025021	43.023	ng	97
17) 2-Methylphenol	6.992	107	548644	44.204	ng	99
18) Hexachloroethane	7.239	117	243515	48.496	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	423844	41.087	ng	97
20) 3+4-Methylphenols	7.145	107	637868	43.640	ng	93
22) Acetophenone	7.139	105	869495	45.321	ng	# 97
24) Nitrobenzene	7.316	77	680867	43.791	ng	99
25) Isophorone	7.551	82	1274274	43.741	ng	97
26) 2-Nitrophenol	7.627	139	369839	49.316	ng	99
27) 2,4-Dimethylphenol	7.675	122	597983	46.502	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	757138	43.932	ng	98
29) 2,4-Dichlorophenol	7.875	162	546151	46.654	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	561184	46.273	ng	99
31) Naphthalene	8.033	128	1823084	44.028	ng	99
32) Benzoic acid	7.810	122	404913m	50.977	ng	
33) 4-Chloroaniline	8.080	127	268686	16.060	ng	98
34) Hexachlorobutadiene	8.157	225	303778	45.193	ng	99
35) Caprolactam	8.469	113	199588m	50.752	ng	
36) 4-Chloro-3-methylphenol	8.574	107	602874	47.757	ng	98
37) 2-Methylnaphthalene	8.727	142	1220008	43.095	ng	99
38) 1-Methylnaphthalene	8.827	142	1145604	43.258	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	496909	42.925	ng	99
41) Hexachlorocyclopentadiene	8.880	237	593397	87.894	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	373443	46.647	ng	99

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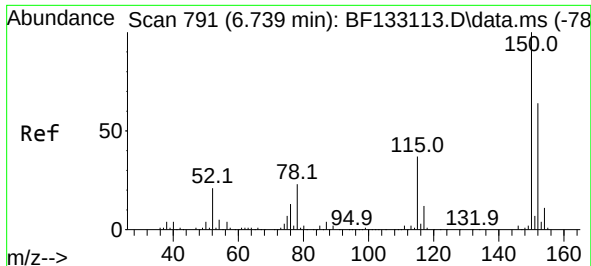
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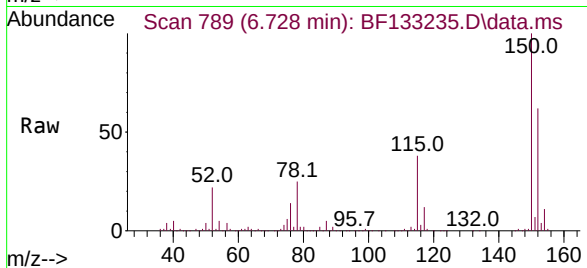
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	392361	42.377	ng	94
46) 1,1'-Biphenyl	9.192	154	1492020	43.703	ng	99
47) 2-Chloronaphthalene	9.216	162	1137691	45.529	ng	99
48) 2-Nitroaniline	9.310	65	370219	44.828	ng	95
49) Acenaphthylene	9.627	152	1769957	44.329	ng	99
50) Dimethylphthalate	9.498	163	1339252	44.610	ng	99
51) 2,6-Dinitrotoluene	9.557	165	315275	46.659	ng	87
52) Acenaphthene	9.798	154	1306670m	48.863	ng	
53) 3-Nitroaniline	9.721	138	237717	29.588	ng	97
54) 2,4-Dinitrophenol	9.833	184	339887	100.073	ng	95
55) Dibenzofuran	9.974	168	1565246	42.909	ng	98
56) 4-Nitrophenol	9.892	139	570152	91.626	ng	91
57) 2,4-Dinitrotoluene	9.957	165	416494	48.334	ng	96
58) Fluorene	10.316	166	1151373	43.082	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	324402	45.194	ng	99
60) Diethylphthalate	10.192	149	1263913	44.572	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	547500	42.038	ng	98
62) 4-Nitroaniline	10.339	138	362921	49.148	ng	98
63) Azobenzene	10.468	77	1331693	44.331	ng	98
65) 4,6-Dinitro-2-methylph...	10.368	198	239766	51.815	ng	90
66) n-Nitrosodiphenylamine	10.427	169	1087966	43.934	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	359040	43.363	ng	93
68) Hexachlorobenzene	10.863	284	387350	45.655	ng	96
69) Atrazine	10.957	200	374012	52.416	ng	99
70) Pentachlorophenol	11.057	266	448464	74.219	ng	97
71) Phenanthrene	11.274	178	1772034	43.187	ng	99
72) Anthracene	11.327	178	1816191	43.251	ng	100
73) Carbazole	11.480	167	1645060	43.996	ng	99
74) Di-n-butylphthalate	11.815	149	1974661	46.667	ng	99
75) Fluoranthene	12.457	202	1718484	41.731	ng	99
77) Benzidine	12.580	184	759468	130.962	ng	# 93
78) Pyrene	12.686	202	1702938	57.929	ng	98
80) Butylbenzylphthalate	13.309	149	679165	65.249	ng	99
81) Benzo(a)anthracene	13.868	228	1059580	44.931	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	214449	32.918	ng	99
83) Chrysene	13.904	228	1061359	45.018	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	735074	56.263	ng	99
85) Di-n-octyl phthalate	14.480	149	1171768	55.005	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1340145	57.509	ng	99
88) Benzo(b)fluoranthene	14.898	252	1178745	45.227	ng	99
89) Benzo(k)fluoranthene	14.921	252	1019916	39.477	ng	99
90) Benzo(a)pyrene	15.239	252	1018259	42.923	ng	100
91) Dibenzo(a,h)anthracene	16.692	278	1112910	57.261	ng	99
92) Benzo(g,h,i)perylene	17.097	276	1060804	55.284	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

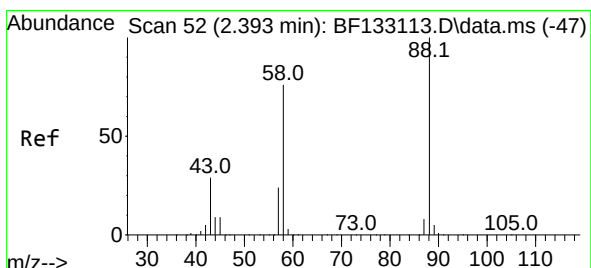
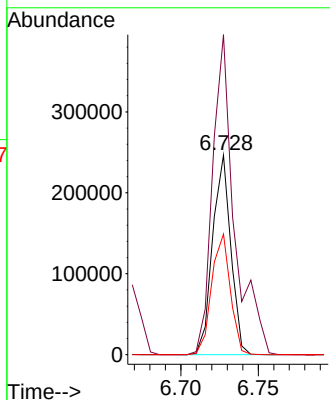
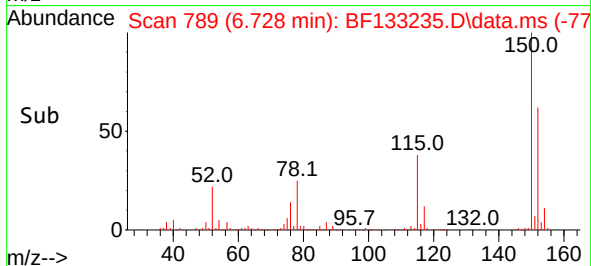
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:152 Resp: 201664
Ion Ratio Lower Upper
152 100
150 160.3 124.8 187.2
115 60.4 49.9 74.9

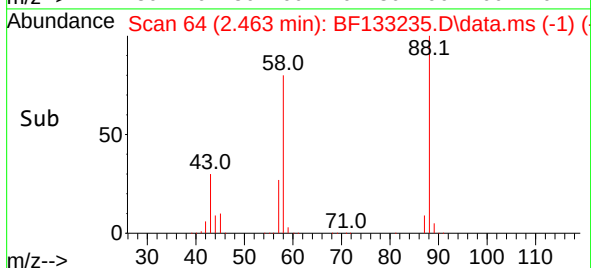
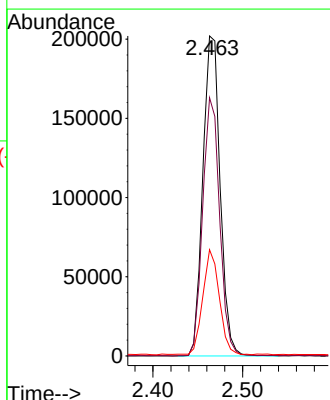
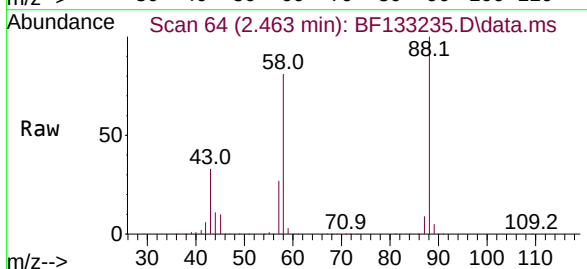
Manual Integrations
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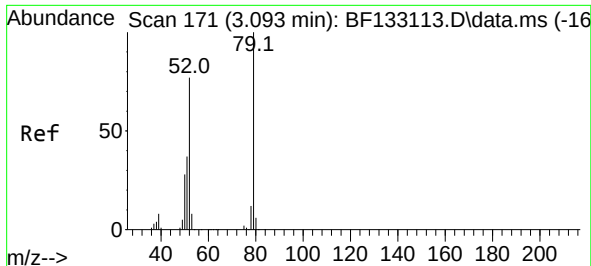
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#2
1,4-Dioxane
Concen: 43.728 ng
RT: 2.463 min Scan# 64
Delta R.T. 0.070 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

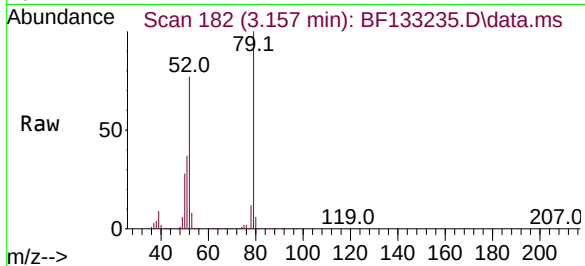
Tgt Ion: 88 Resp: 270769
Ion Ratio Lower Upper
88 100
58 79.4 64.7 97.1
43 31.6 26.2 39.2





#3
Pyridine
Concen: 41.869 ng
RT: 3.157 min Scan# 171
Delta R.T. 0.076 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

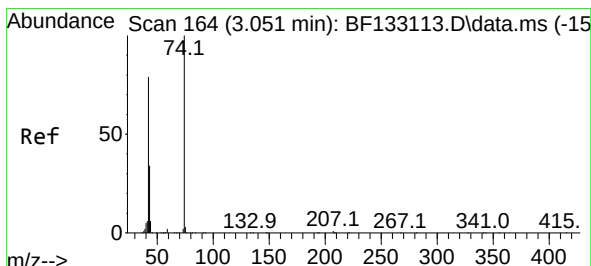
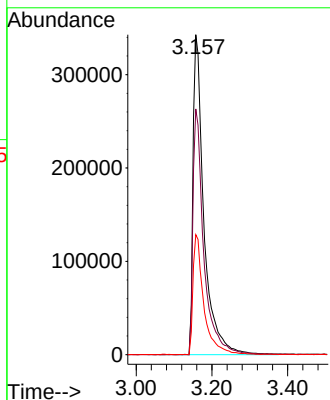
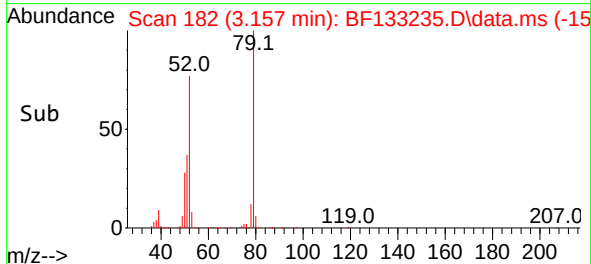
Instrument :
BNA_F
ClientSampleId :
TF-1MS



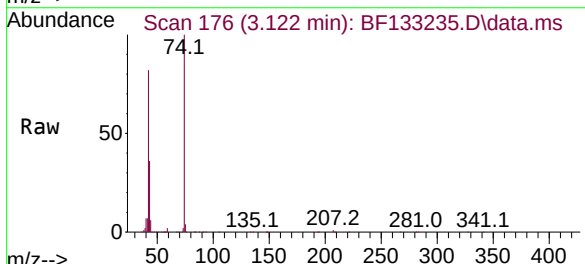
Tgt Ion: 79 Resp: 688580
Ion Ratio Lower Upper
79 100
52 76.8 64.6 96.8
51 37.5 30.0 45.0

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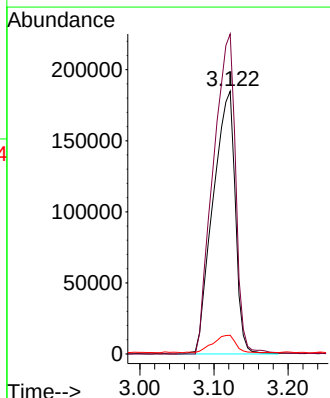
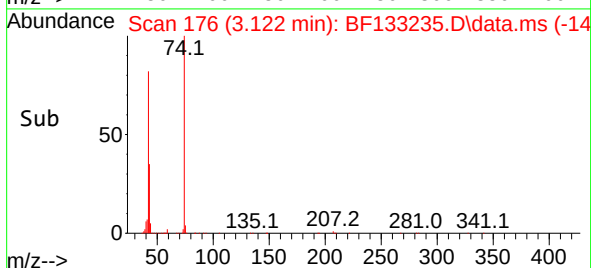
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

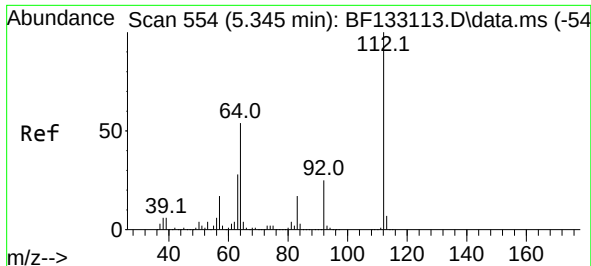


#4
n-Nitrosodimethylamine
Concen: 45.379 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.070 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



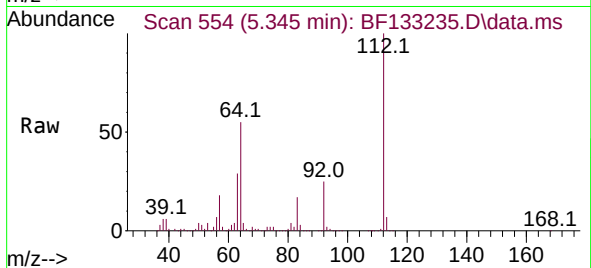
Tgt Ion: 42 Resp: 386568
Ion Ratio Lower Upper
42 100
74 121.8 98.0 147.0
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 95.089 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

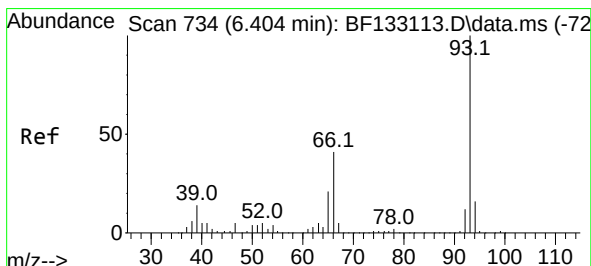
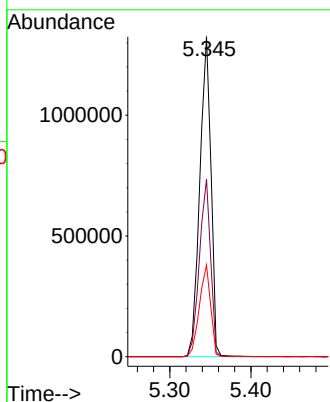
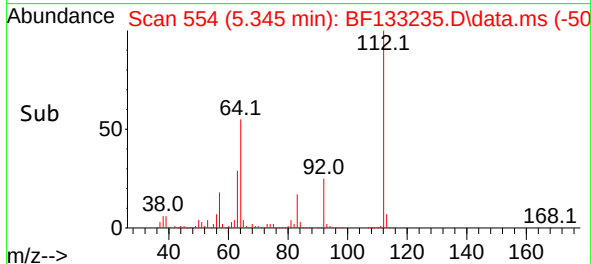
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 126942
Ion Ratio Lower Upper
112 100
64 55.5 46.8 70.2
63 28.7 23.8 35.8

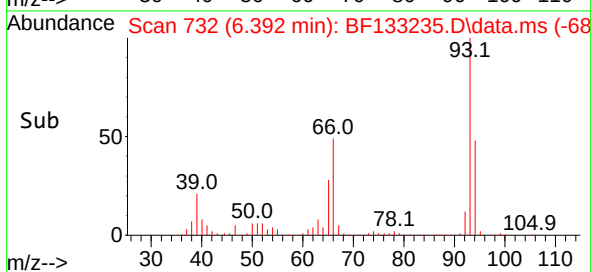
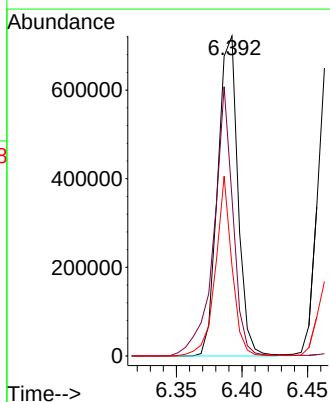
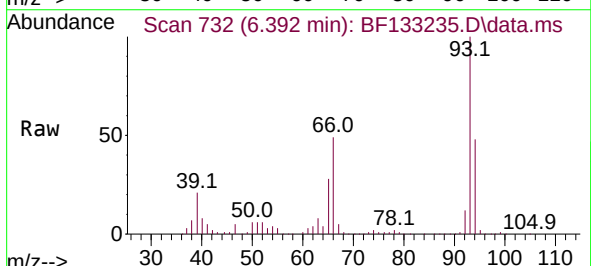
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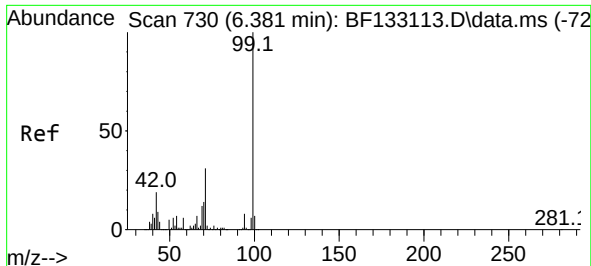
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#6
Aniline
Concen: 36.133 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion: 93 Resp: 771130
Ion Ratio Lower Upper
93 100
66 49.5 31.5 47.3#
65 28.2 16.4 24.6#





#7

Phenol-d6

Concen: 95.832 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion: 99 Resp: 158792

Ion Ratio Lower Upper

99 100

42 19.2 16.3 24.5

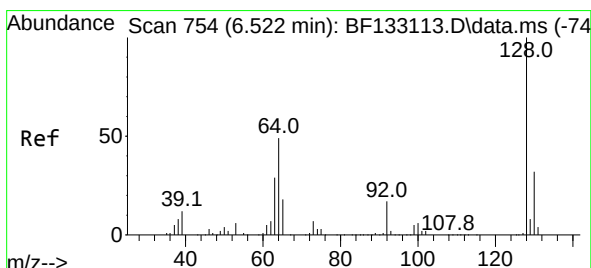
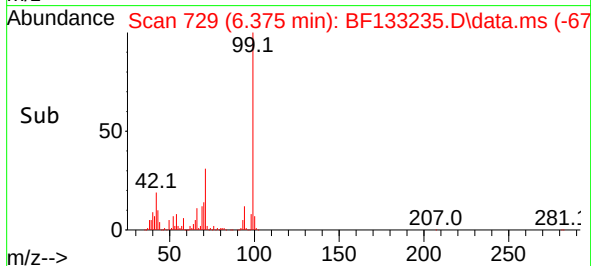
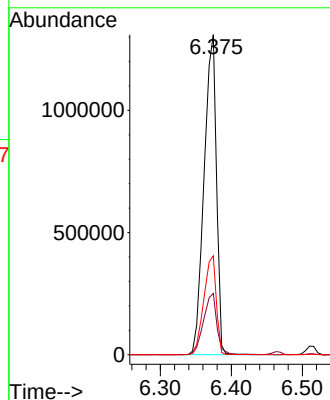
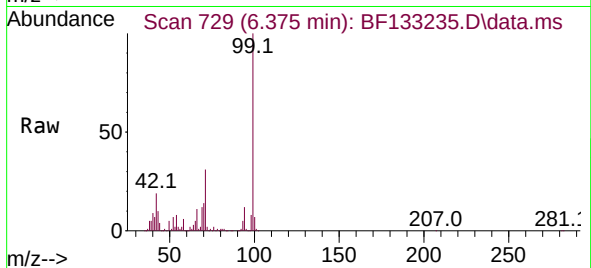
71 30.9 25.6 38.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2023



#8

2-Chlorophenol

Concen: 48.975 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

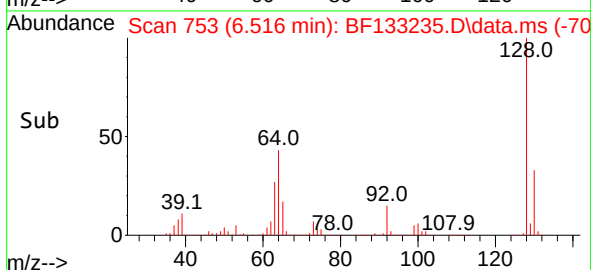
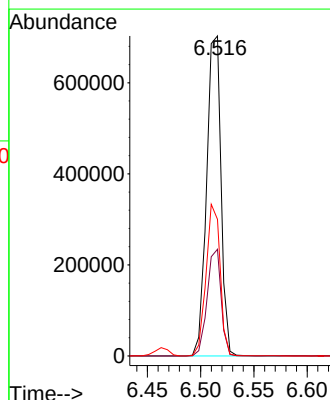
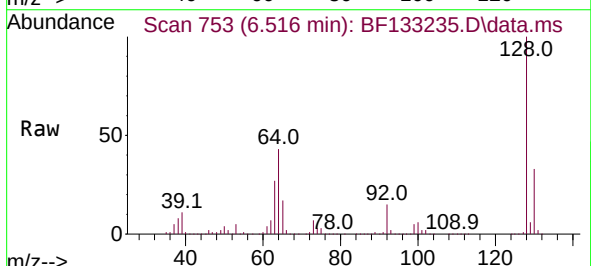
Tgt Ion:128 Resp: 663831

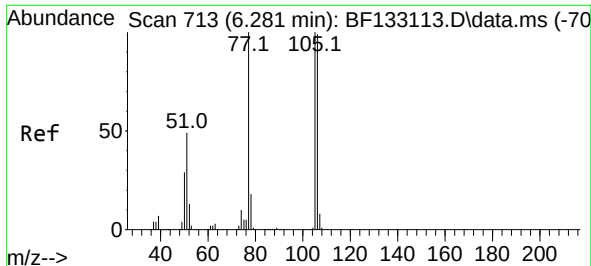
Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

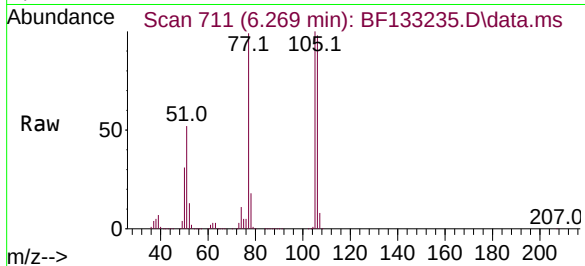
64 42.7 30.3 70.3





#9
Benzaldehyde
Concen: 54.586 ng
RT: 6.269 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

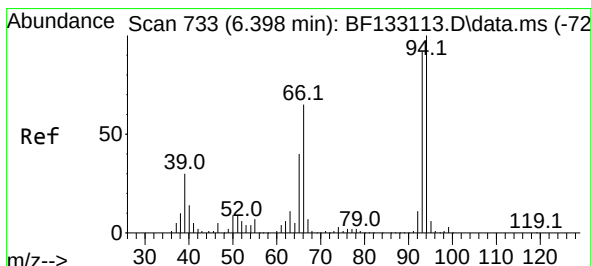
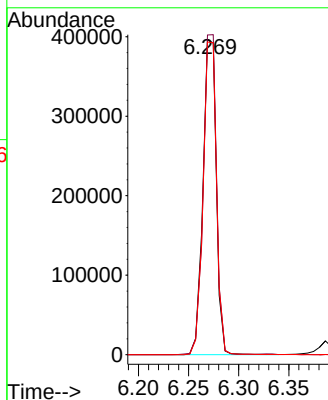
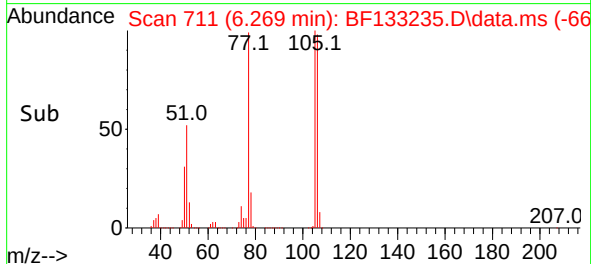
Instrument :
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TF-1MS



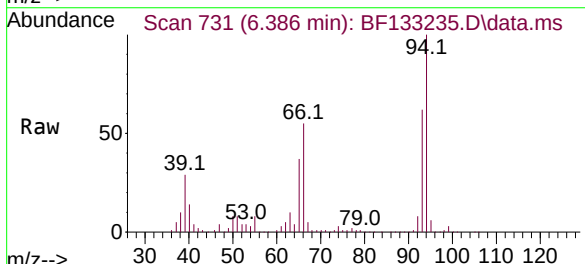
Tgt Ion: 77 Resp: 36908
Ion Ratio Lower Upper
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105 101.4 82.3 122.3
106 99.2 80.8 120.8

Manual Integrations
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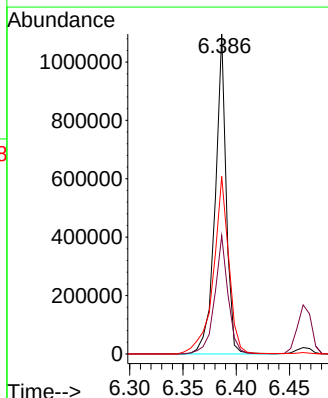
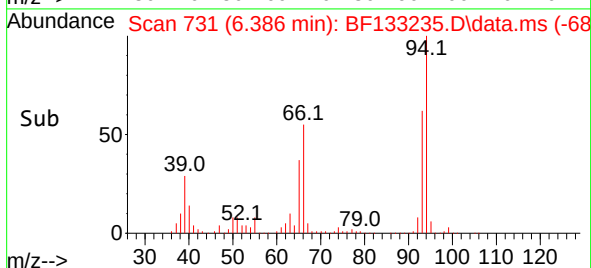
Reviewed By :Christian Giraldo 05/05/2023
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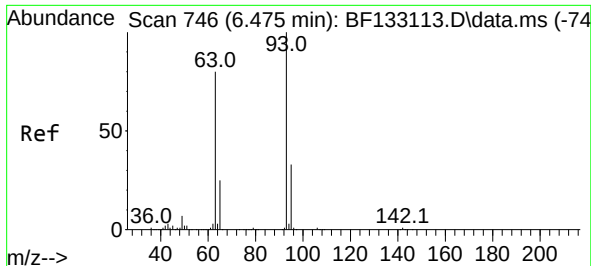


#10
Phenol
Concen: 43.655 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



Tgt Ion: 94 Resp: 797991
Ion Ratio Lower Upper
94 100
65 37.0 8.6 48.6
66 55.5 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 45.481 ng

RT: 6.463 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion: 93 Resp: 62387

Ion Ratio Lower Upper

93 100

63 82.1 60.6 100.6

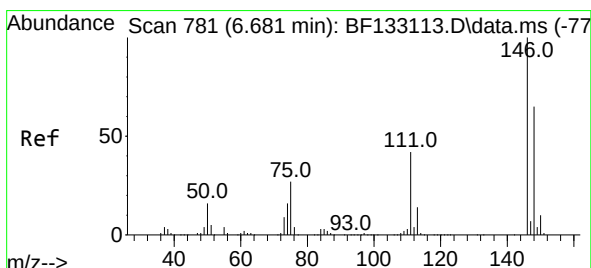
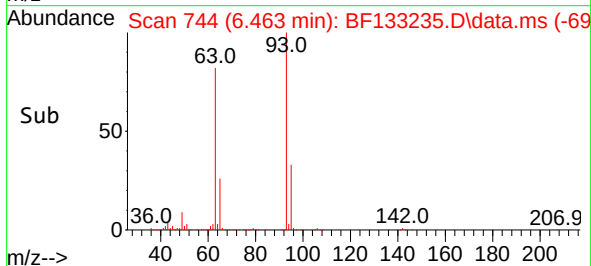
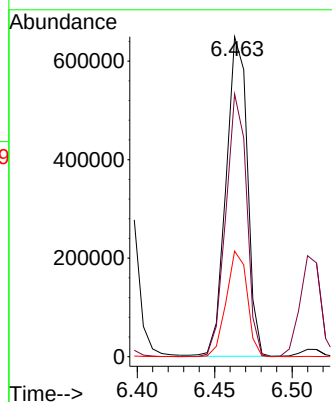
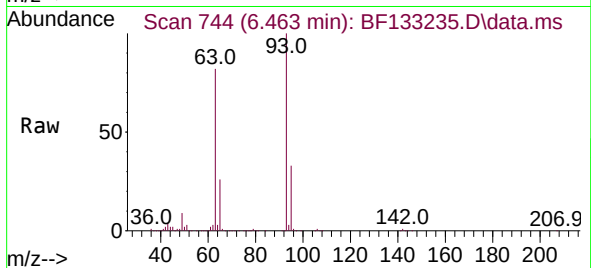
95 33.0 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#12

1,3-Dichlorobenzene

Concen: 47.665 ng

RT: 6.669 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

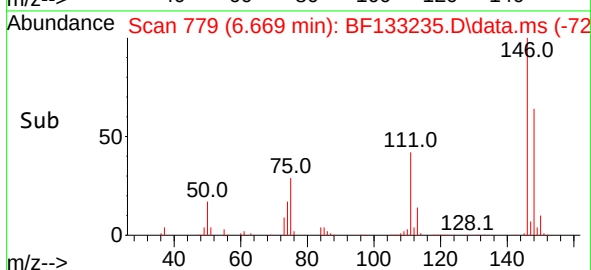
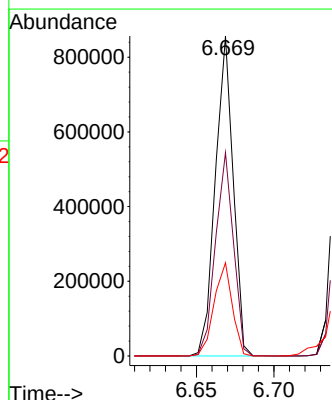
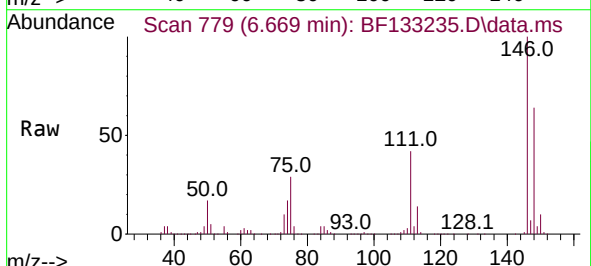
Tgt Ion:146 Resp: 686900

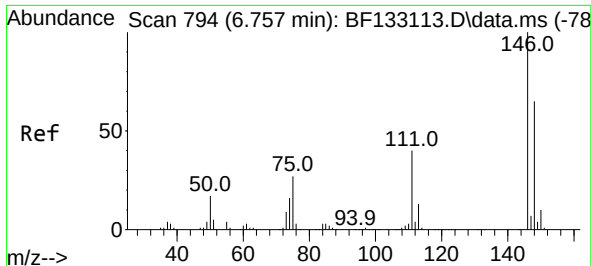
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 29.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.229 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

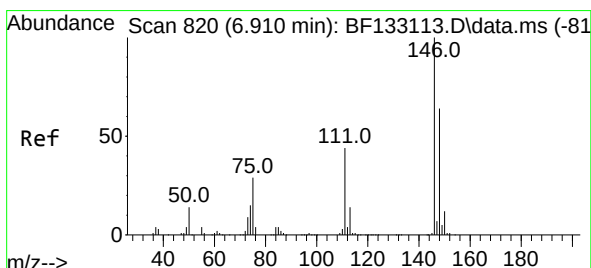
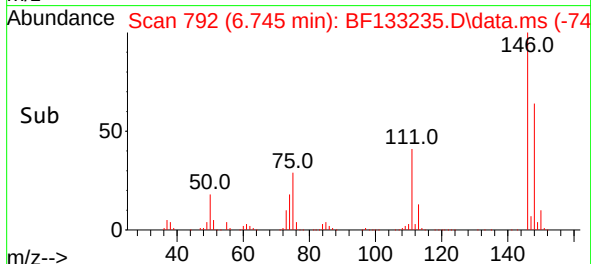
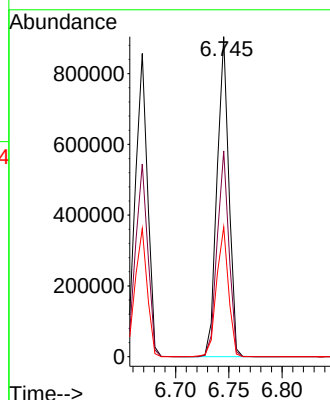
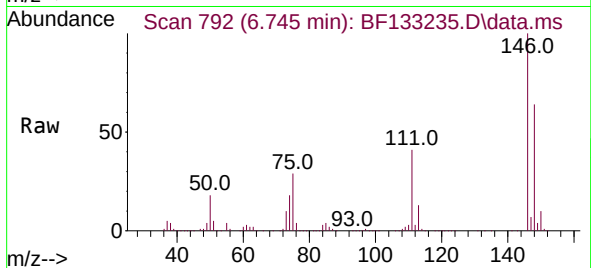
TF-1MS

Tgt Ion:146 Resp: 69655
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.3 75.5
 111 40.6 33.8 50.6

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 50.458 ng

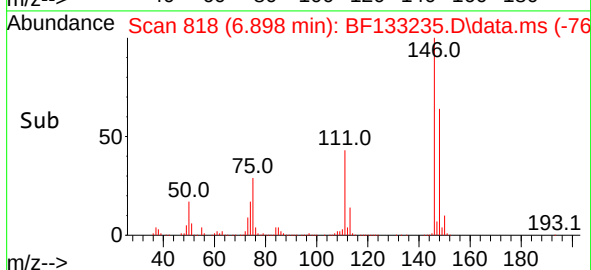
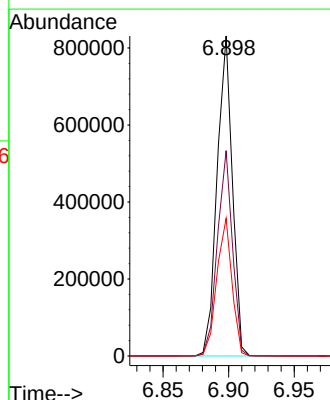
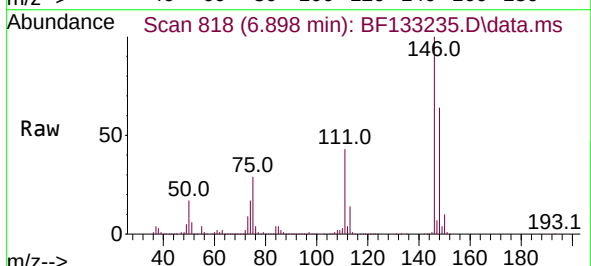
RT: 6.898 min Scan# 818

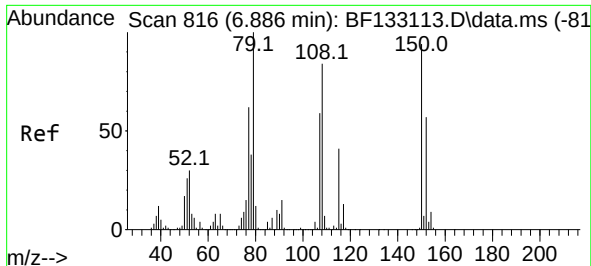
Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

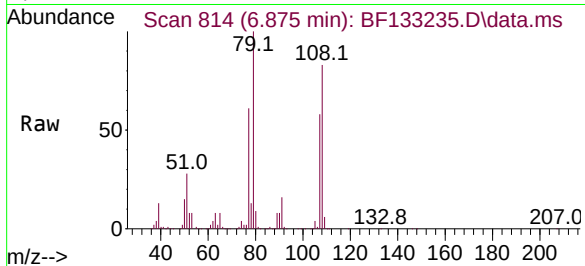
Tgt Ion:146 Resp: 671865
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 43.0 32.8 49.2





#15
Benzyl Alcohol
Concen: 48.825 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

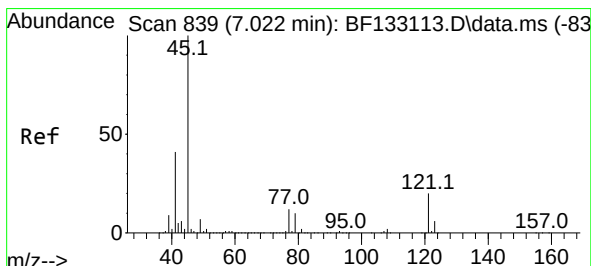
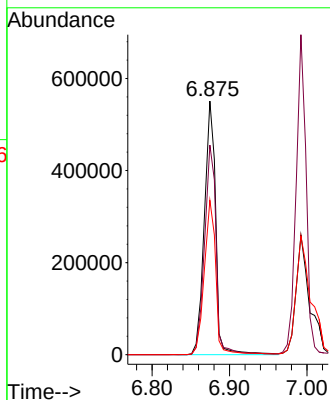
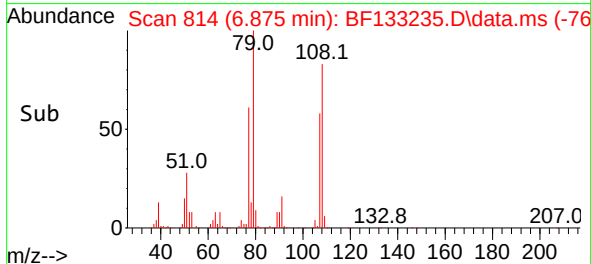
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion: 79 Resp: 55884
Ion Ratio Lower Upper
79 100
108 82.7 66.6 99.8
77 60.8 49.2 73.8

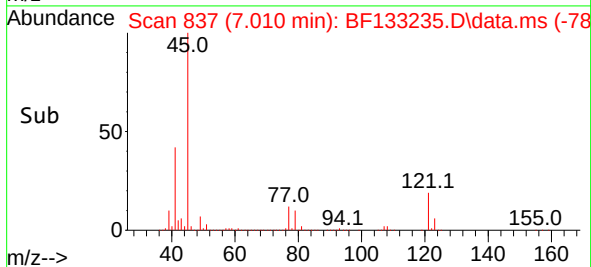
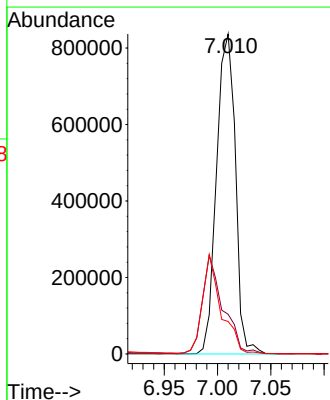
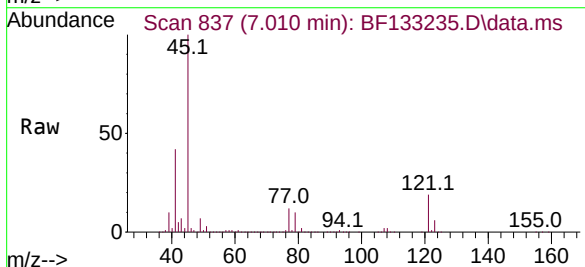
Manual Integrations
APPROVED

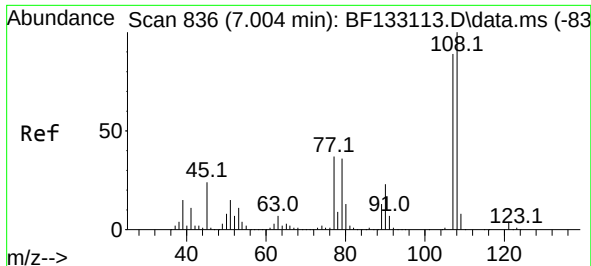
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.023 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

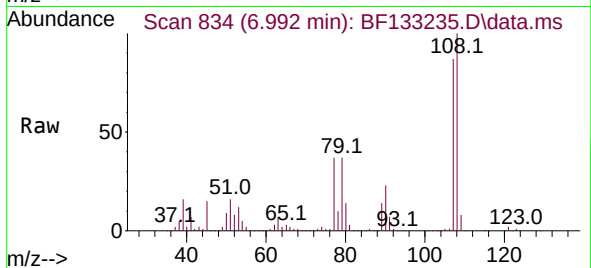
Tgt Ion: 45 Resp: 1025021
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 10.2 0.0 28.7





#17
2-Methylphenol
Concen: 44.204 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

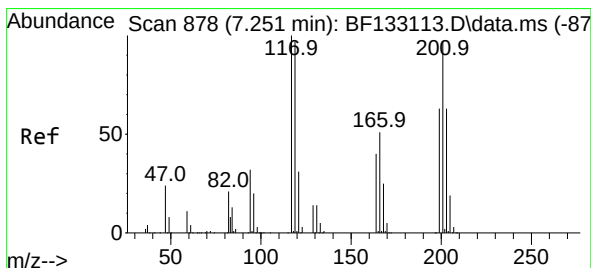
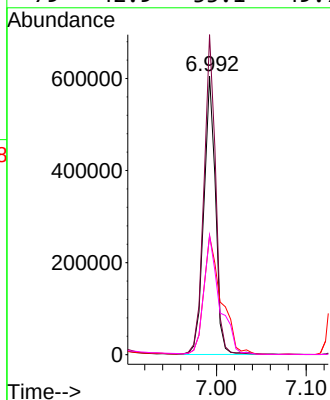
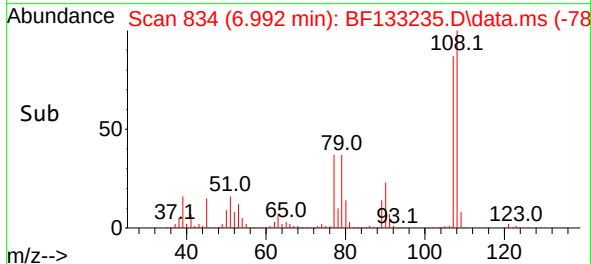
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:	107	Resp:	54864
Ion Ratio	Lower	Upper	
107	100		
108	114.9	92.4	138.6
77	42.7	33.8	50.8
79	42.9	33.1	49.7

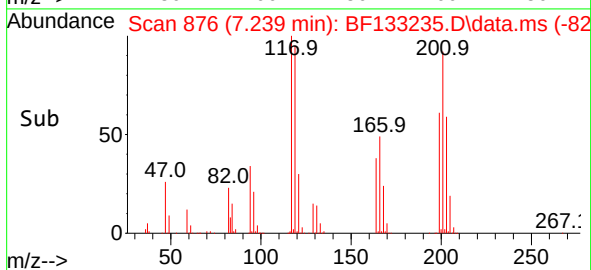
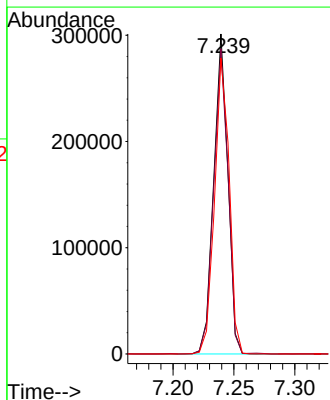
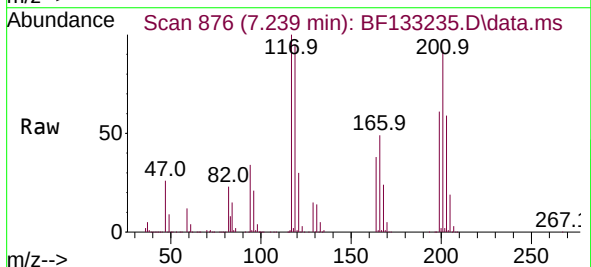
Manual Integrations
APPROVED

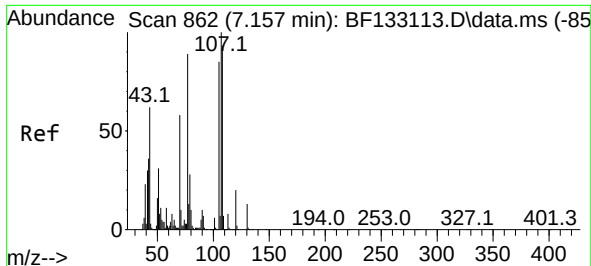
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#18
Hexachloroethane
Concen: 48.496 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

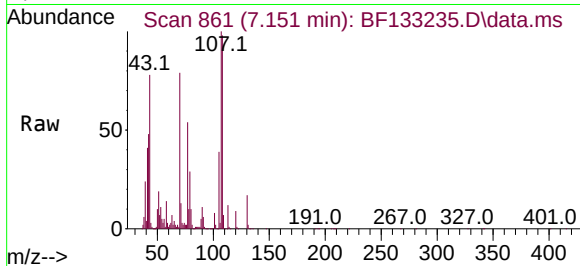
Tgt Ion:	117	Resp:	243515
Ion Ratio	Lower	Upper	
117	100		
119	95.4	78.2	117.4
201	92.5	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 41.087 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

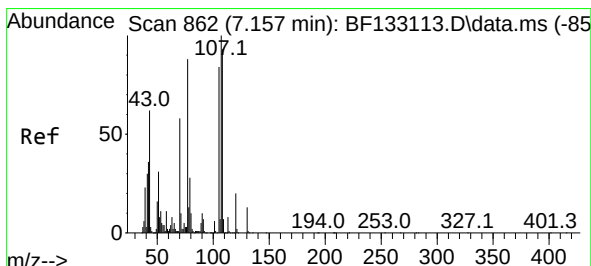
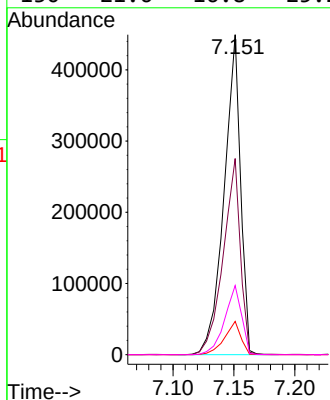
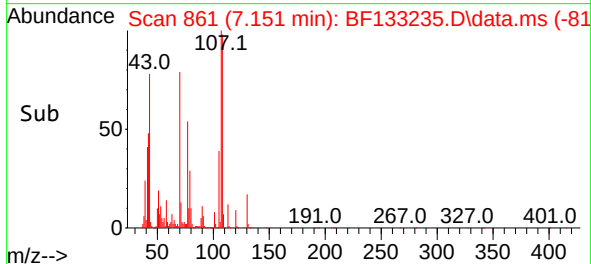
Instrument :
BNA_F
ClientSampleId :
TF-1MS



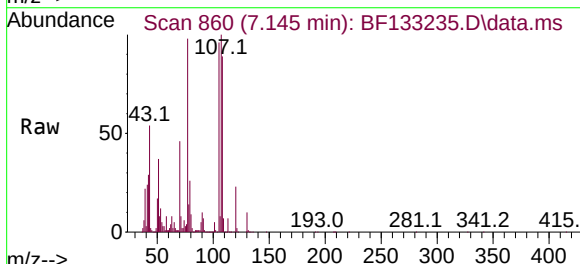
Tgt Ion: 70 Resp: 423844
Ion Ratio Lower Upper
70 100
42 61.3 51.8 77.6
101 10.4 8.0 12.0
130 21.6 16.8 25.2

Manual Integrations
APPROVED

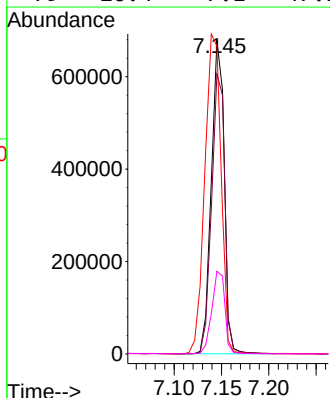
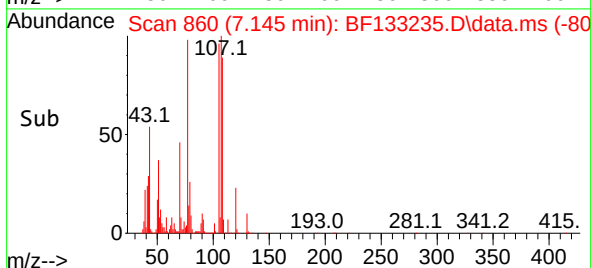
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

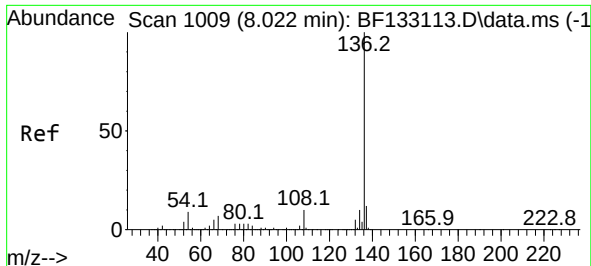


#20
3+4-Methylphenols
Concen: 43.640 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



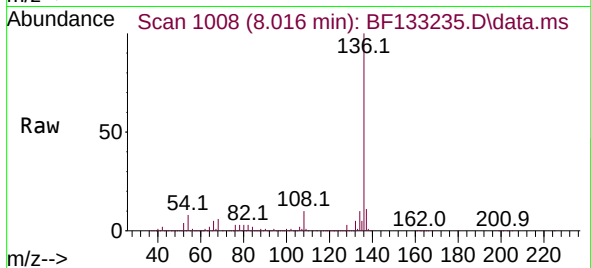
Tgt Ion:107 Resp: 637868
Ion Ratio Lower Upper
107 100
108 89.4 70.5 110.5
77 98.3 91.7 131.7
79 26.4 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

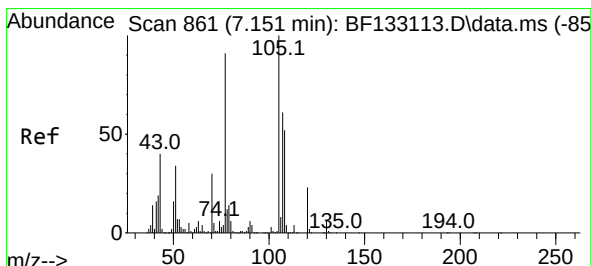
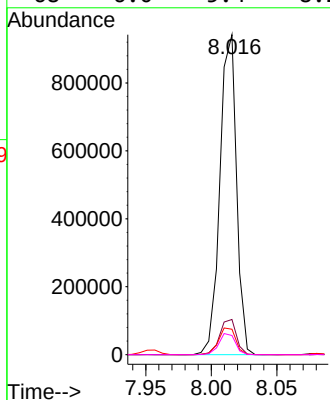
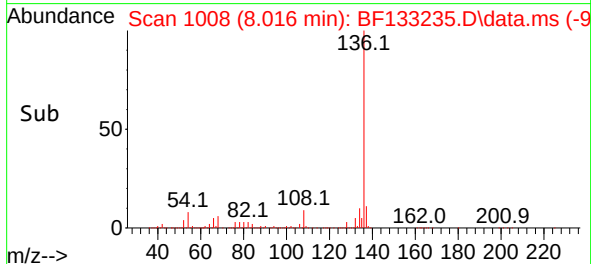
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:136 Resp: 828200
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 7.0 10.4
68 6.0 5.4 8.2

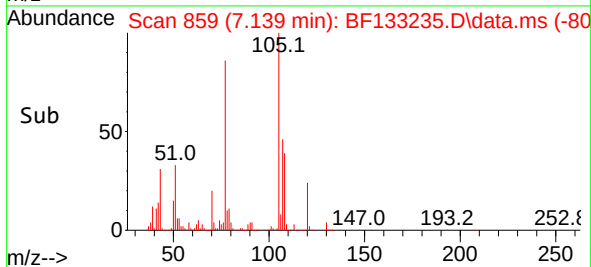
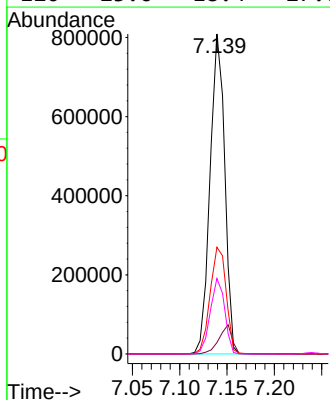
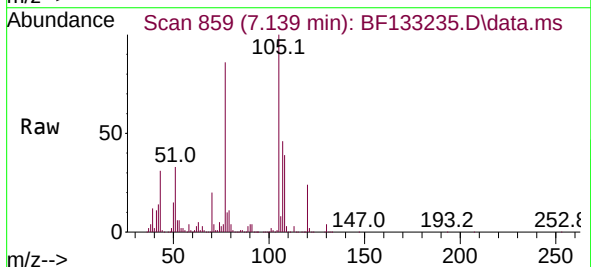
Manual Integrations
APPROVED

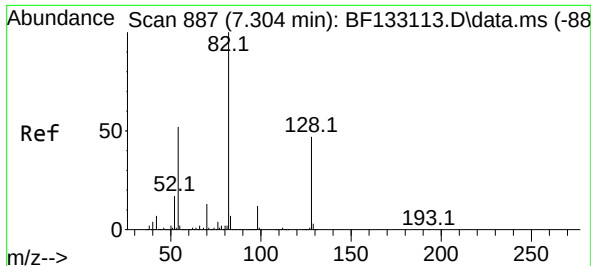
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#22
Acetophenone
Concen: 45.321 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:105 Resp: 869495
Ion Ratio Lower Upper
105 100
71 3.5 4.6 7.0#
51 33.4 28.2 42.2
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 63.268 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion: 82 Resp: 970774

Ion Ratio Lower Upper

82 100

128 46.6 37.7 56.5

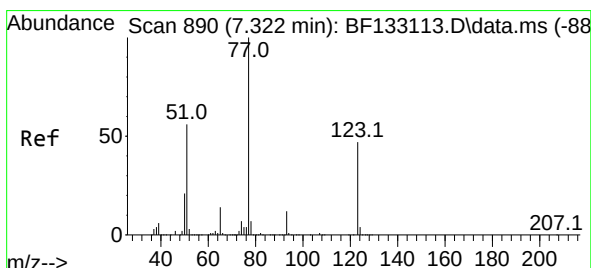
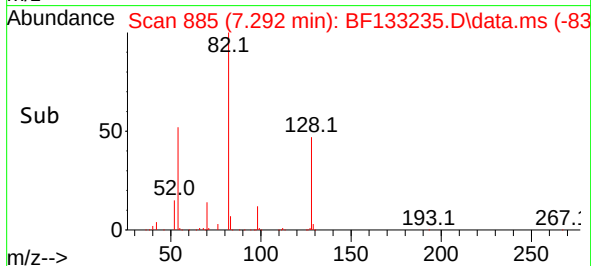
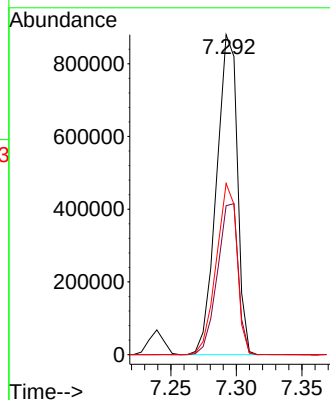
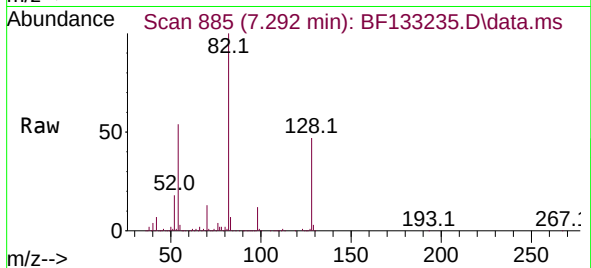
54 53.5 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#24

Nitrobenzene

Concen: 43.791 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

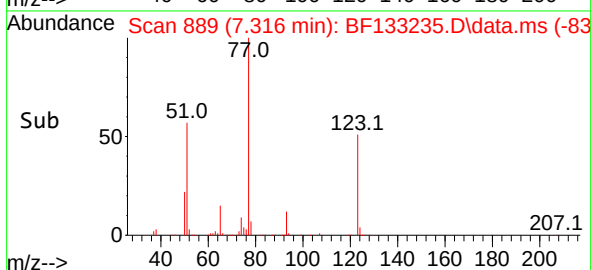
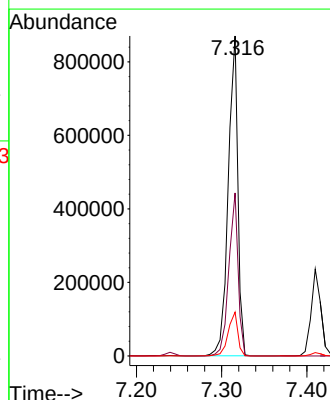
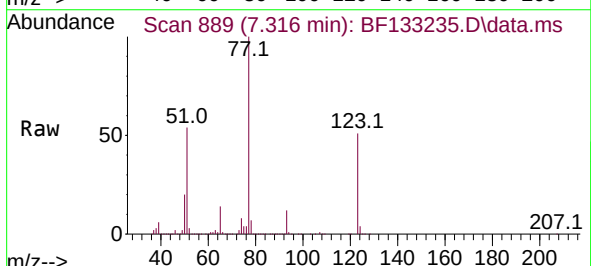
Tgt Ion: 77 Resp: 680867

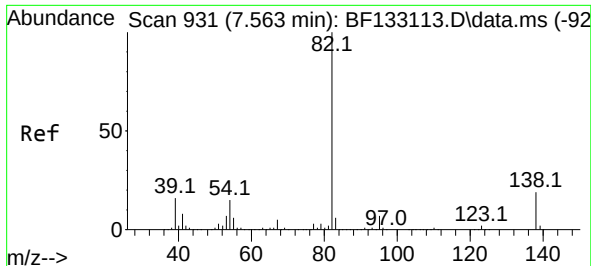
Ion Ratio Lower Upper

77 100

123 51.0 39.9 59.9

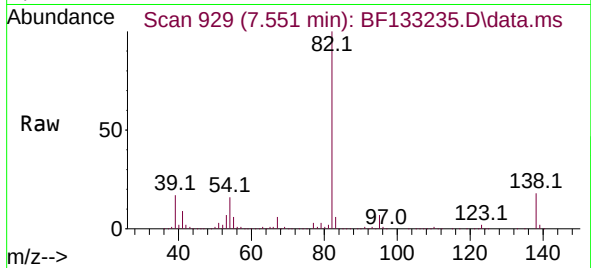
65 13.7 10.7 16.1





#25
Isophorone
Concen: 43.741 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

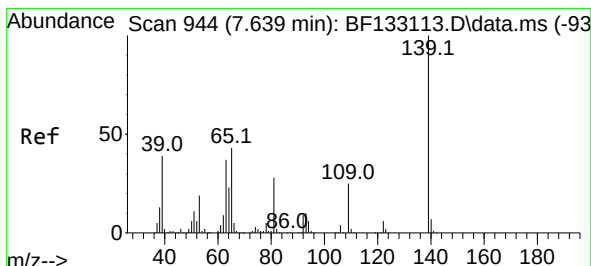
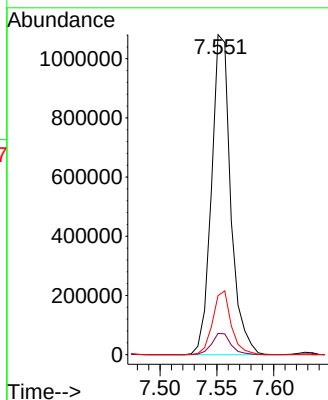
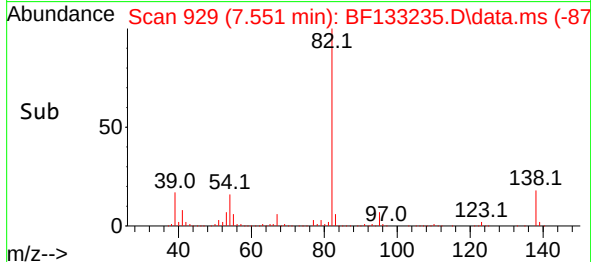
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion: 82 Resp: 1274274
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.5 16.0 24.0

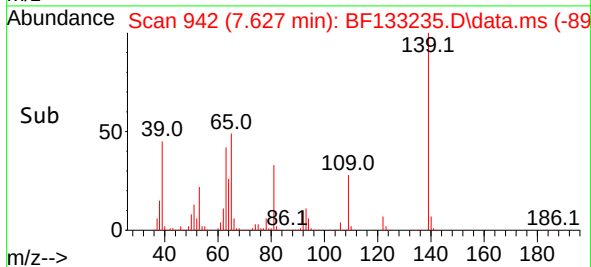
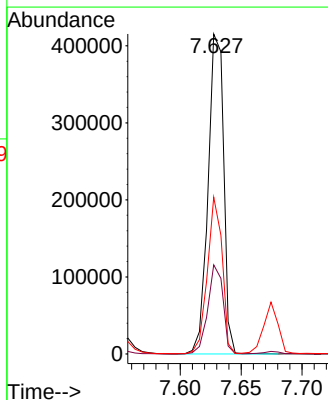
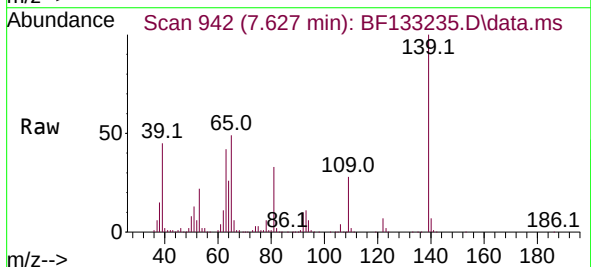
Manual Integrations
APPROVED

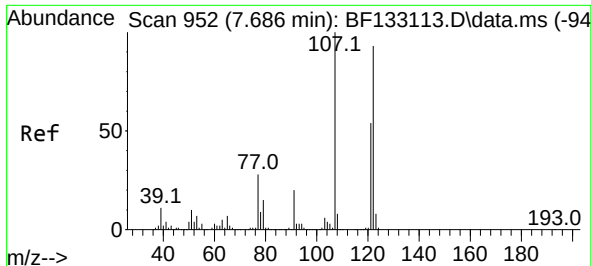
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#26
2-Nitrophenol
Concen: 49.316 ng
RT: 7.627 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:139 Resp: 369839
Ion Ratio Lower Upper
139 100
109 27.8 21.6 32.4
65 49.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 46.502 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion:122 Resp: 59798

Ion Ratio Lower Upper

122 100

107 111.5 89.7 134.5

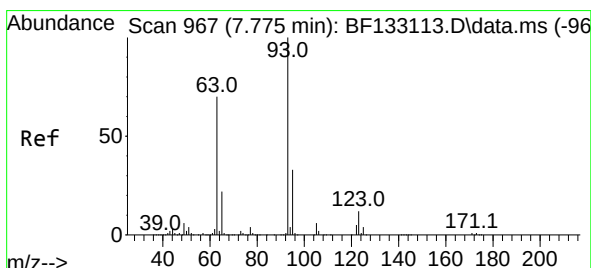
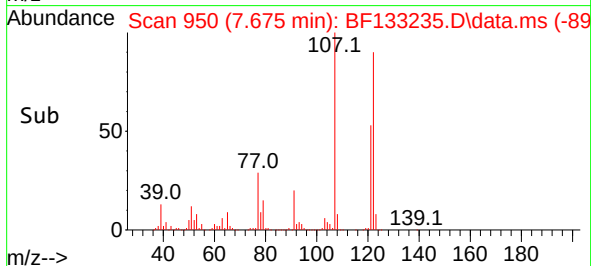
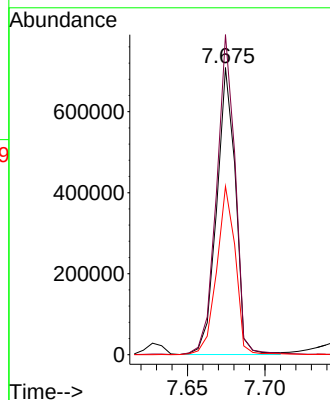
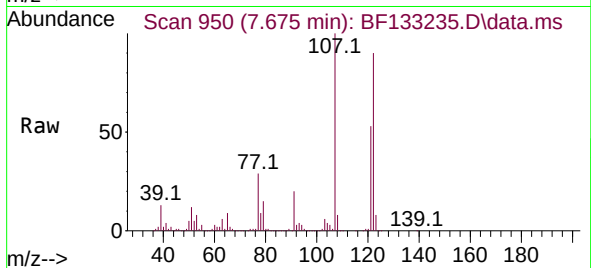
121 58.7 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.932 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

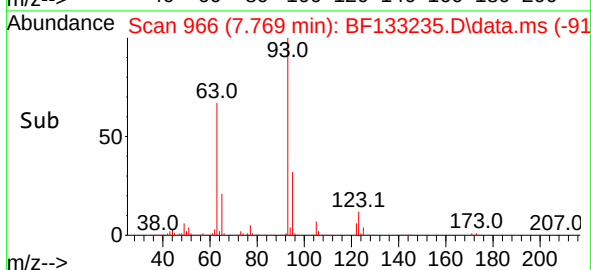
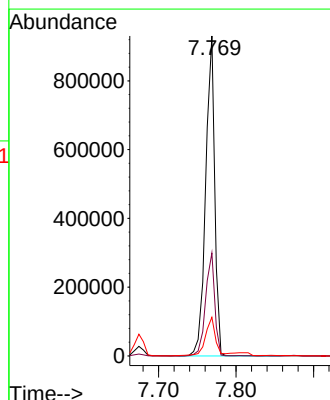
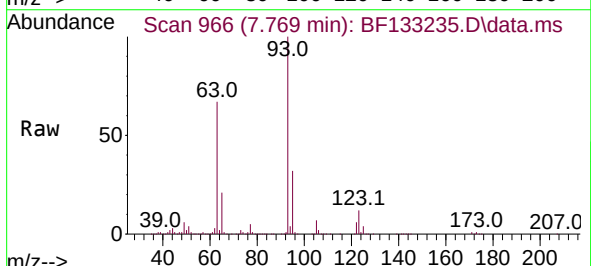
Tgt Ion: 93 Resp: 757138

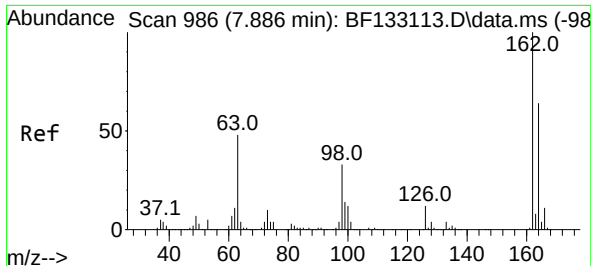
Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.654 ng

RT: 7.875 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

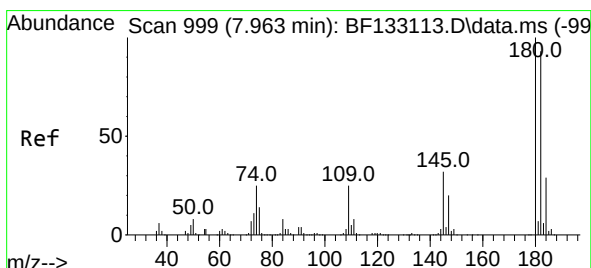
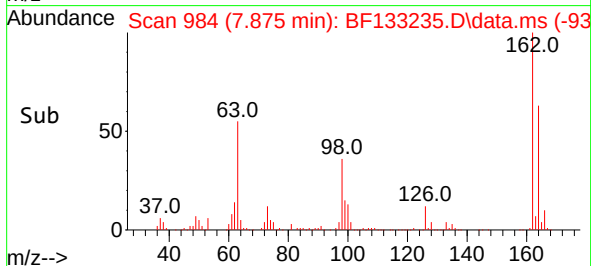
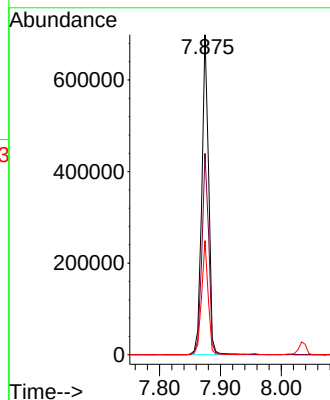
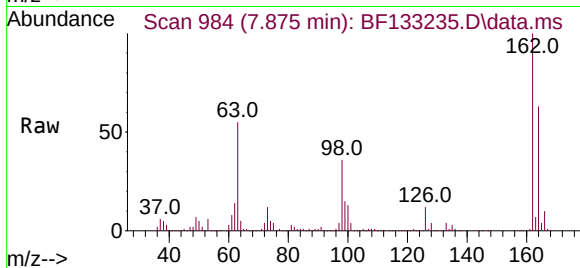
TF-1MS

Tgt Ion:162 Resp: 54615
 Ion Ratio Lower Upper
 162 100
 164 62.9 43.9 83.9
 98 35.7 17.0 57.0

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 46.273 ng

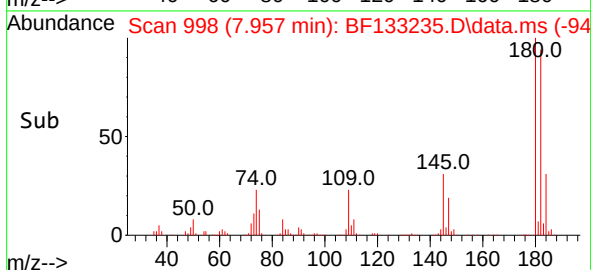
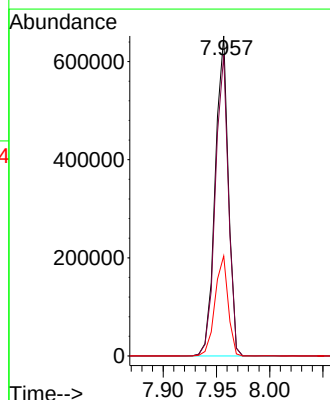
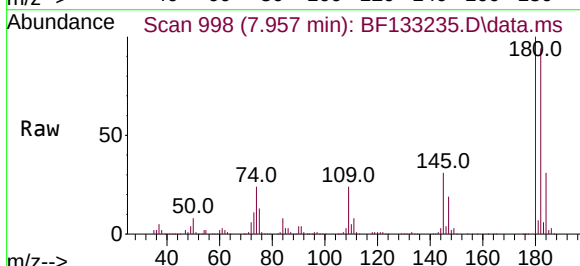
RT: 7.957 min Scan# 998

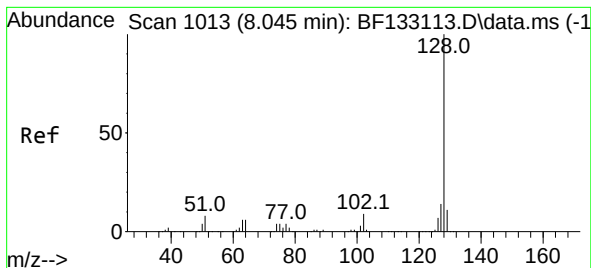
Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

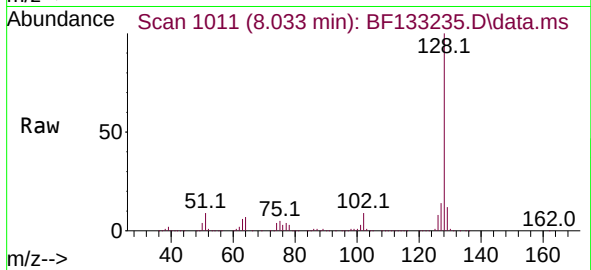
Tgt Ion:180 Resp: 561184
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.9 113.9
 145 31.2 25.3 37.9





#31
Naphthalene
Concen: 44.028 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

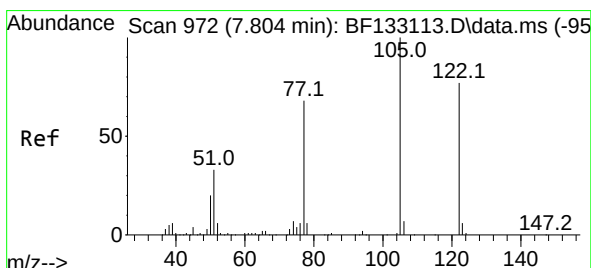
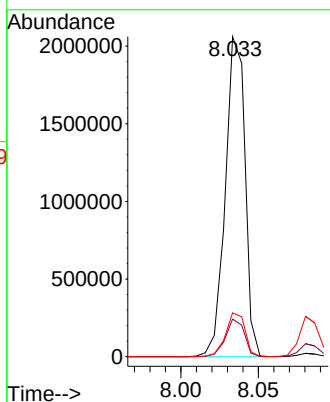
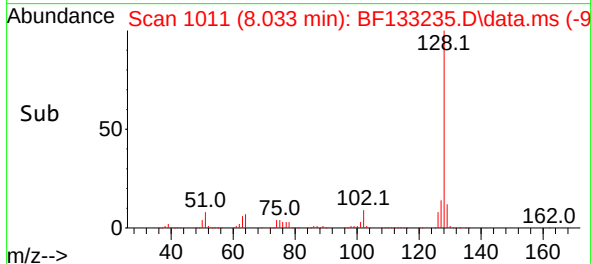
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:128 Resp: 1823084
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.7 16.1

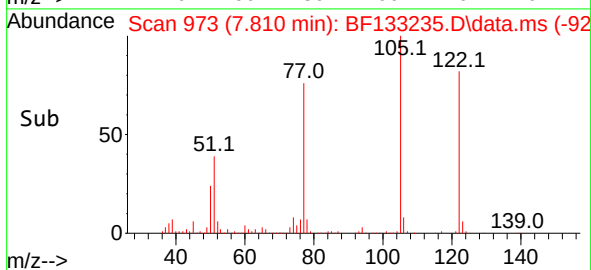
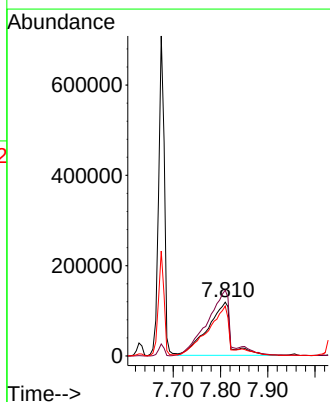
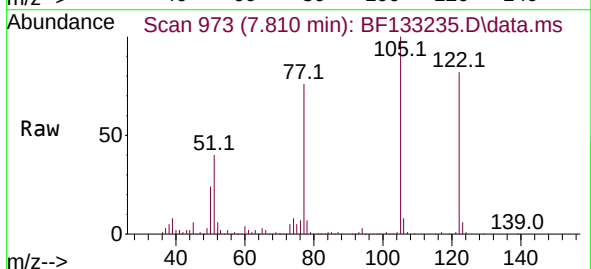
Manual Integrations
APPROVED

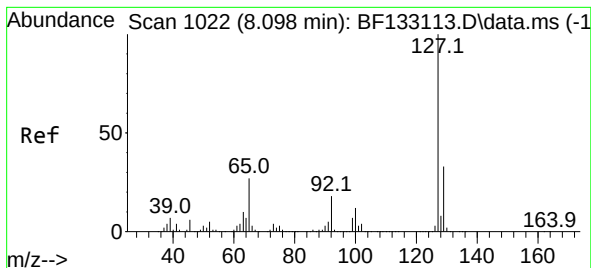
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#32
Benzoic acid
Concen: 50.977 ng m
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:122 Resp: 404913
Ion Ratio Lower Upper
122 100
105 122.4 104.2 144.2
77 92.9 69.7 109.7





#33

4-Chloroaniline

Concen: 16.060 ng

RT: 8.080 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

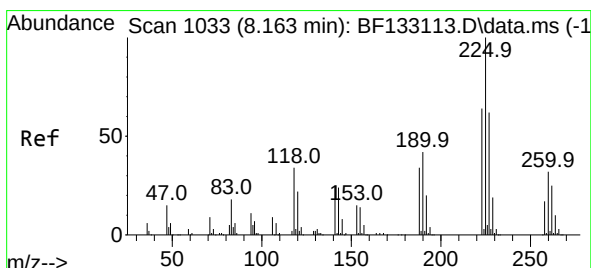
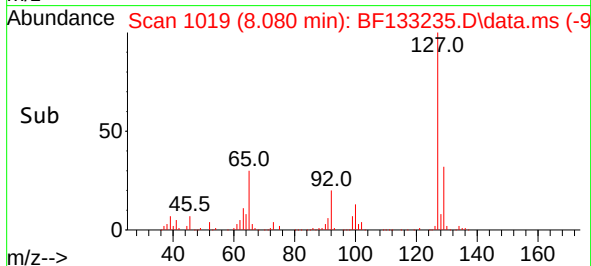
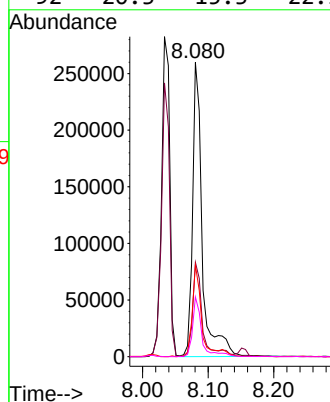
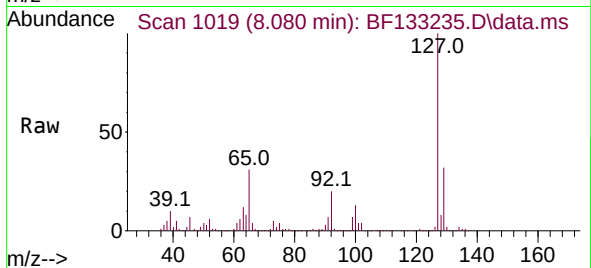
Tgt Ion:	127	Resp:	268680
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.8	38.8
65	31.1	23.6	35.4
92	20.3	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#34

Hexachlorobutadiene

Concen: 45.193 ng

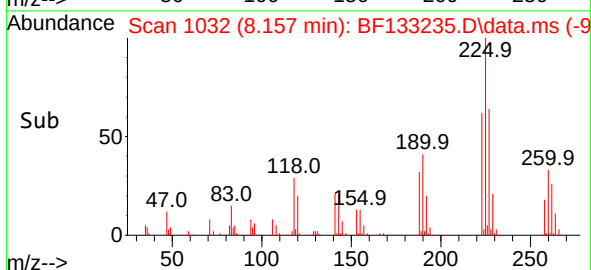
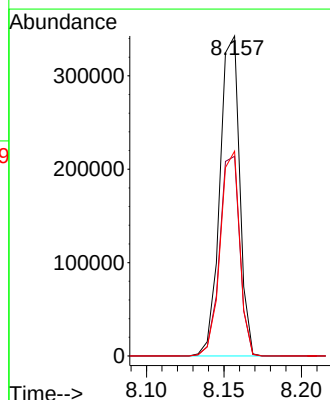
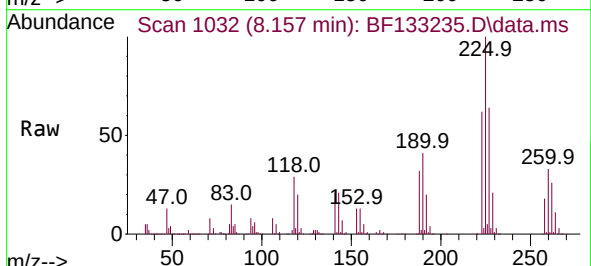
RT: 8.157 min Scan# 1032

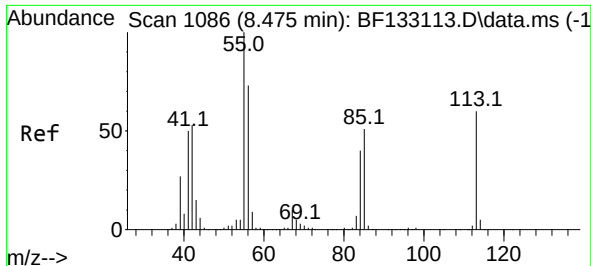
Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

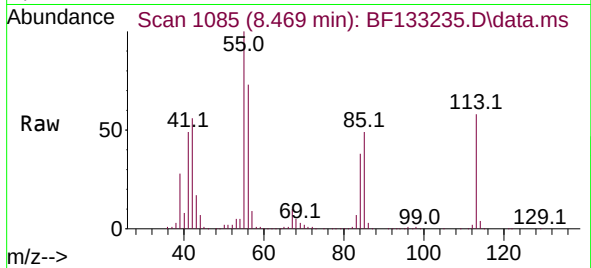
Tgt Ion:	225	Resp:	303778
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.9	76.3
227	64.0	50.3	75.5





#35
Caprolactam
Concen: 50.752 ng m
RT: 8.469 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

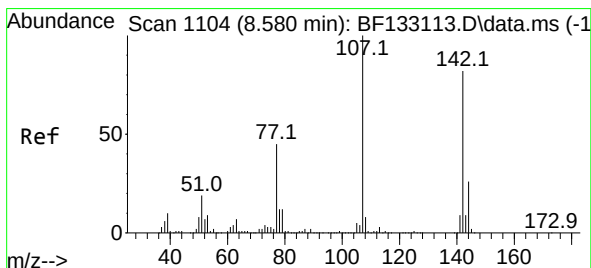
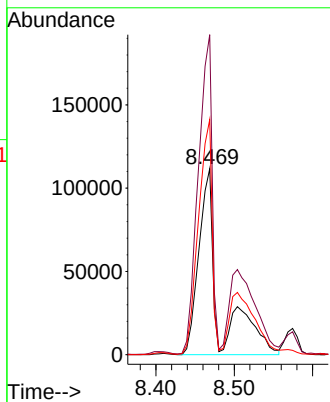
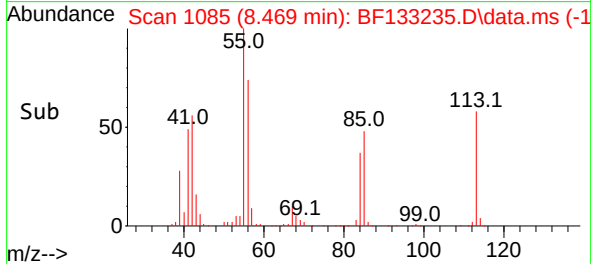
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:113 Resp: 19958
Ion Ratio Lower Upper
113 100
55 172.2 167.1 207.1
56 126.5 114.5 154.5

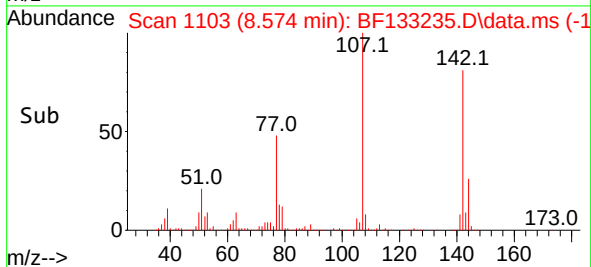
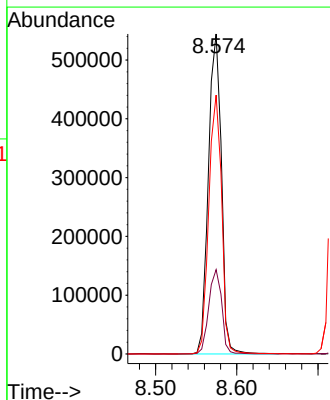
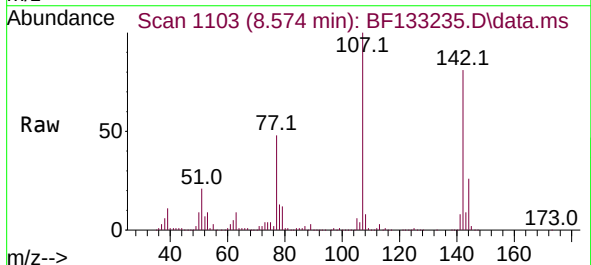
Manual Integrations
APPROVED

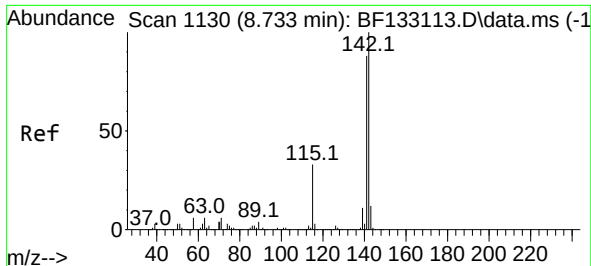
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#36
4-Chloro-3-methylphenol
Concen: 47.757 ng
RT: 8.574 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:107 Resp: 602874
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 80.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 43.095 ng

RT: 8.727 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion:142 Resp: 1220000

Ion Ratio Lower Upper

142 100

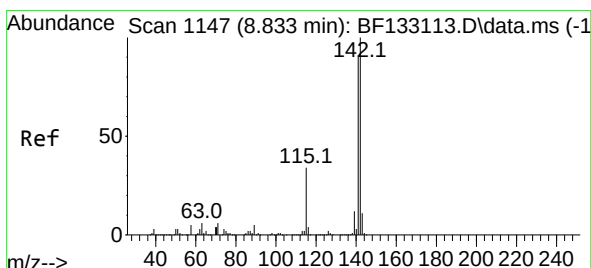
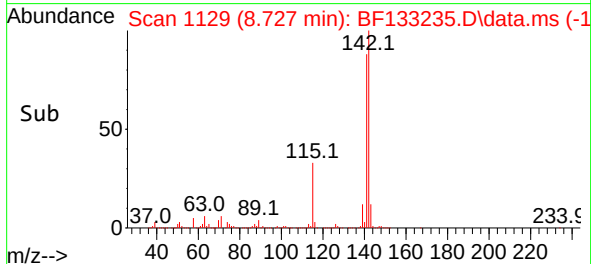
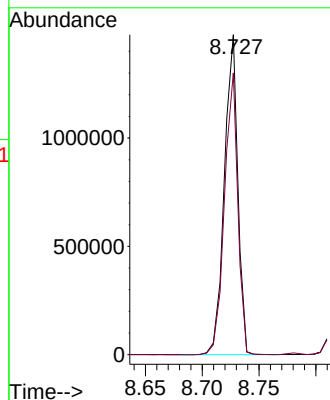
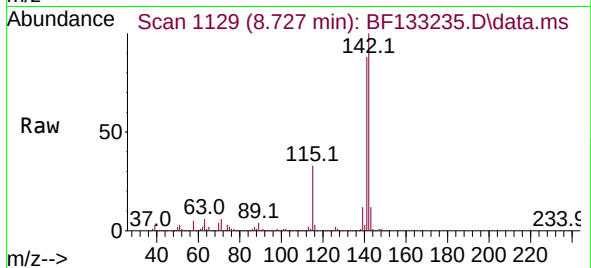
141 88.1 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#38

1-Methylnaphthalene

Concen: 43.258 ng

RT: 8.827 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133235.D

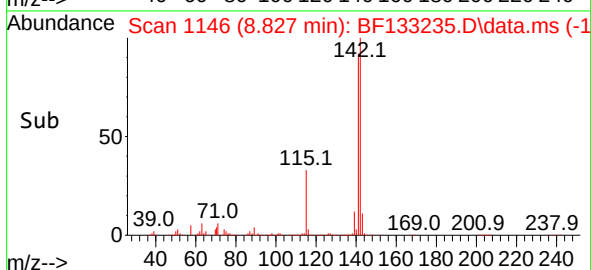
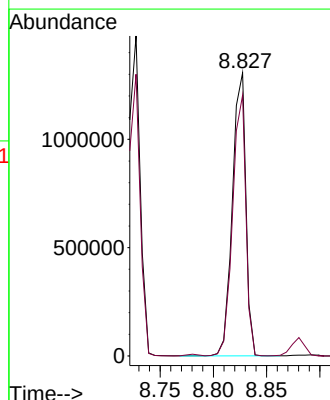
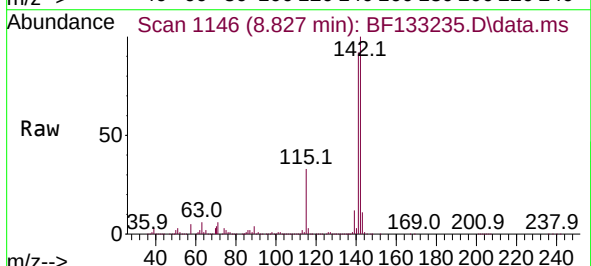
Acq: 04 May 2023 17:31

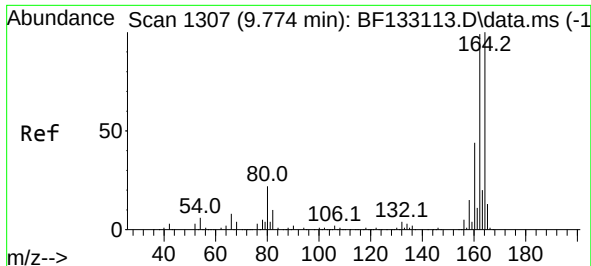
Tgt Ion:142 Resp: 1145604

Ion Ratio Lower Upper

142 100

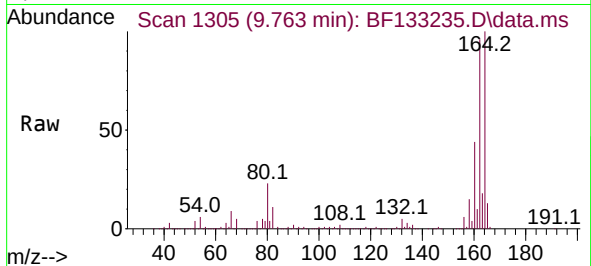
141 92.1 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

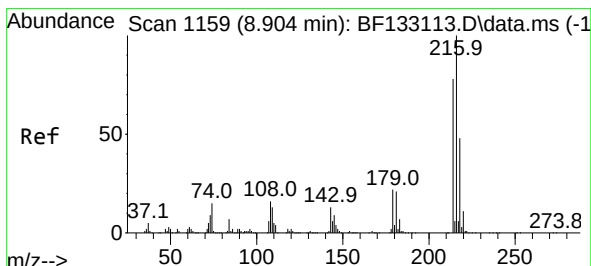
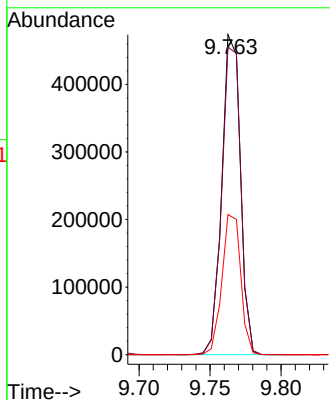
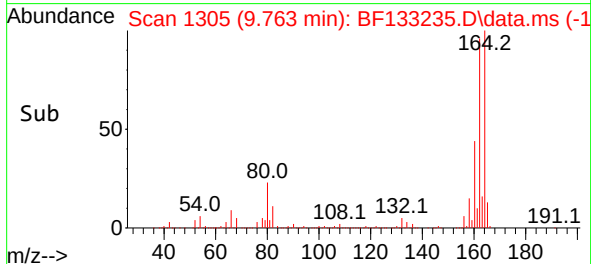
Instrument :
BNA_F
ClientSampleId :
TF-1MS



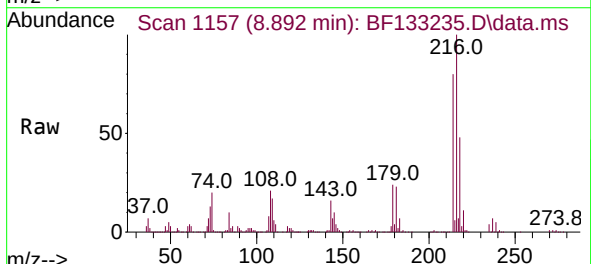
Tgt Ion:164 Resp: 430540
Ion Ratio Lower Upper
164 100
162 96.1 78.7 118.1
160 43.8 35.8 53.6

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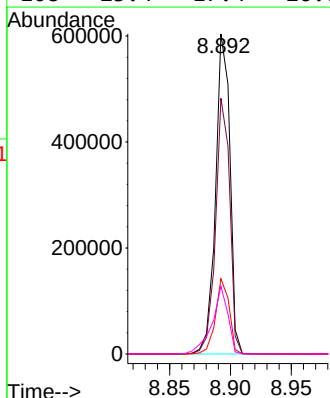
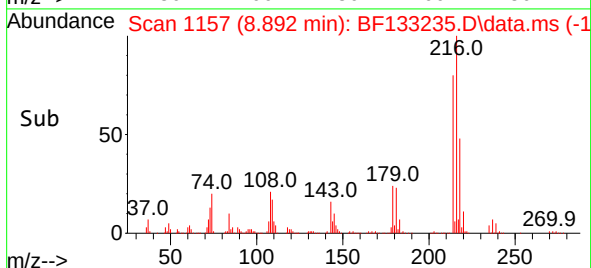
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

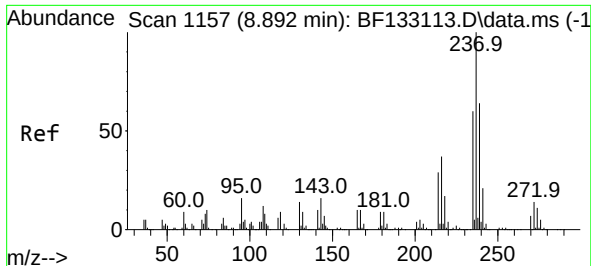


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.925 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



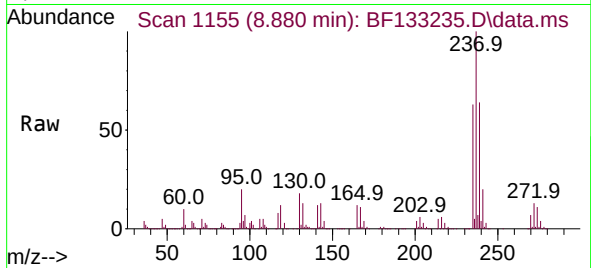
Tgt Ion:216 Resp: 496909
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 22.5 17.4 26.2
108 23.4 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 87.894 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

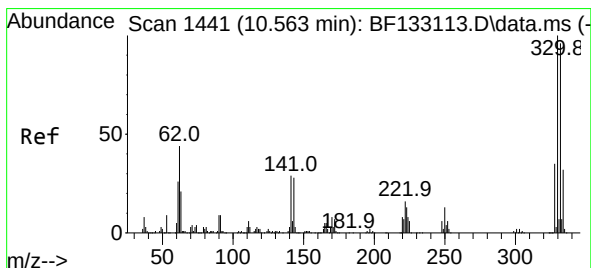
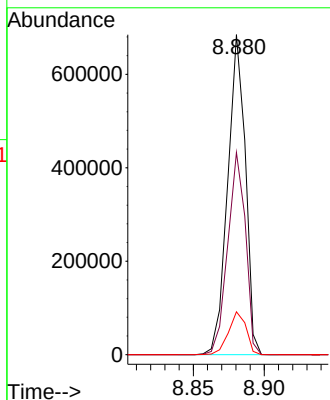
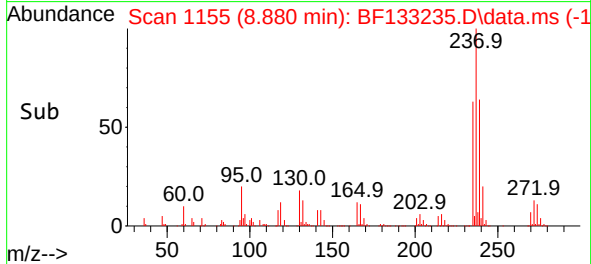
Instrument :
BNA_F
ClientSampleId :
TF-1MS



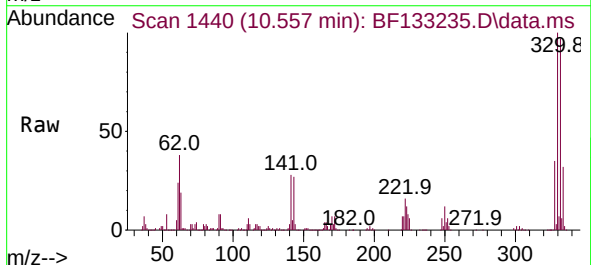
Tgt Ion: 237 Resp: 59339
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.4 0.0 32.7

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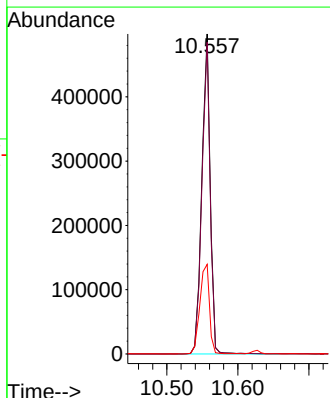
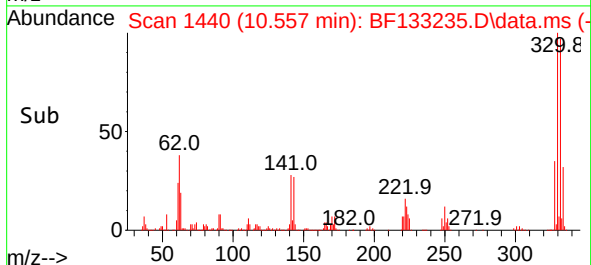
Reviewed By : Christian Giraldo 05/05/2023
Supervised By : Jagrut Upadhyay 05/05/2023

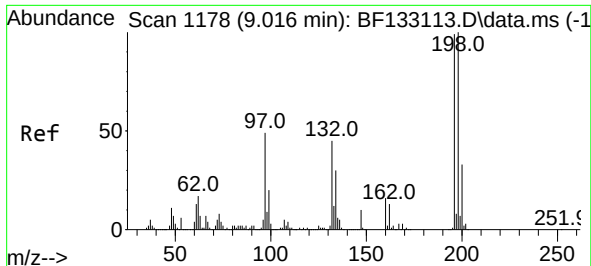


#42
2,4,6-Tribromophenol
Concen: 94.489 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



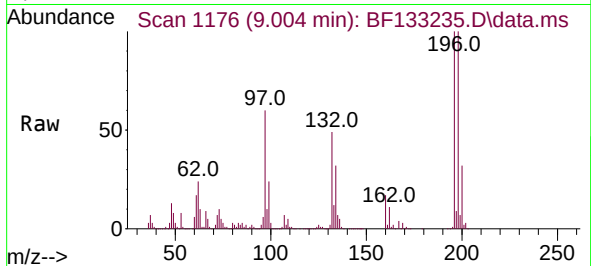
Tgt Ion: 330 Resp: 409136
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 32.3 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 46.647 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

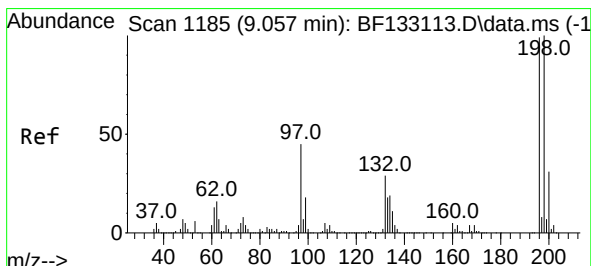
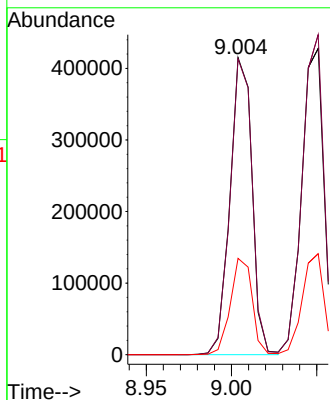
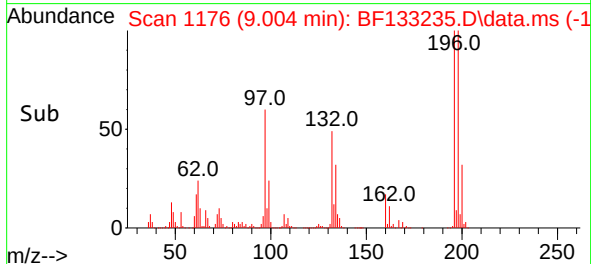
Instrument :
BNA_F
ClientSampleId :
TF-1MS



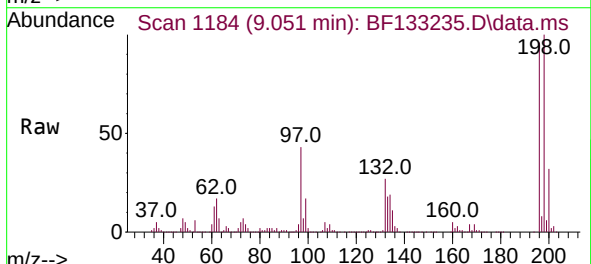
Tgt Ion:196 Resp: 37344
Ion Ratio Lower Upper
196 100
198 99.6 81.0 121.6
200 32.4 26.1 39.1

Manual Integrations
APPROVED

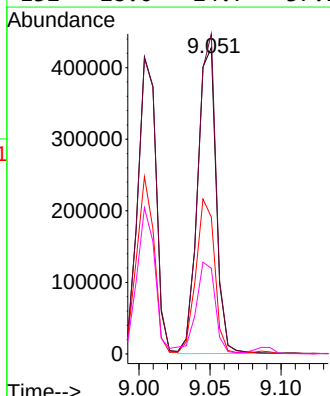
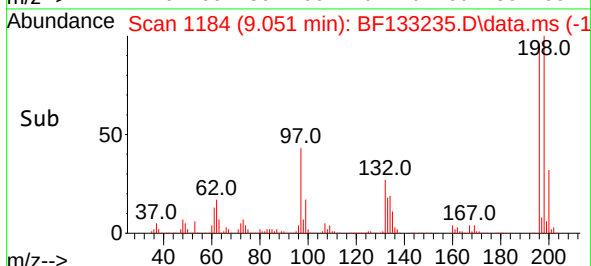
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

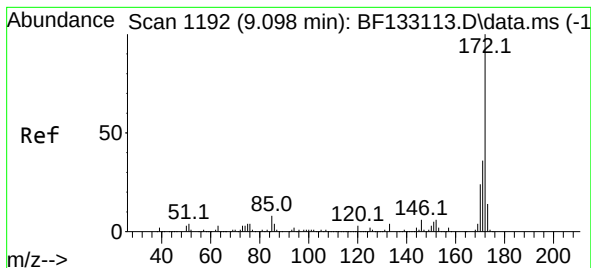


#44
2,4,5-Trichlorophenol
Concen: 42.377 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



Tgt Ion:196 Resp: 392361
Ion Ratio Lower Upper
196 100
198 104.5 80.9 121.3
97 44.7 41.3 61.9
132 28.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 66.293 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion:172 Resp: 1706060

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

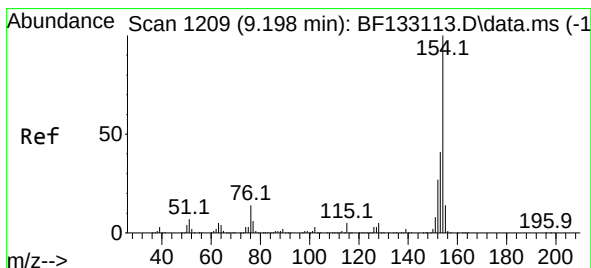
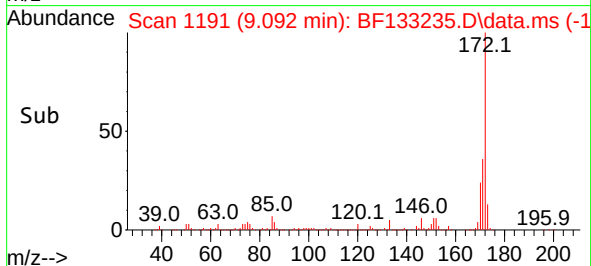
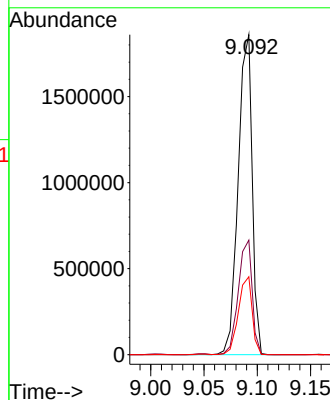
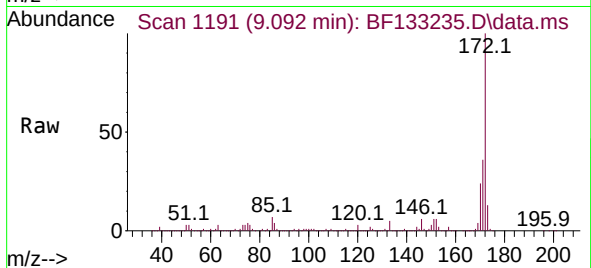
170 24.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#46

1,1'-Biphenyl

Concen: 43.703 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

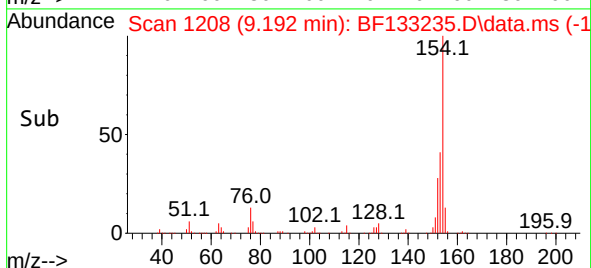
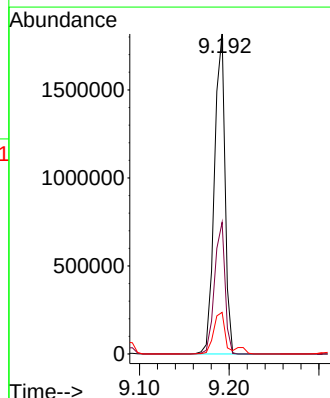
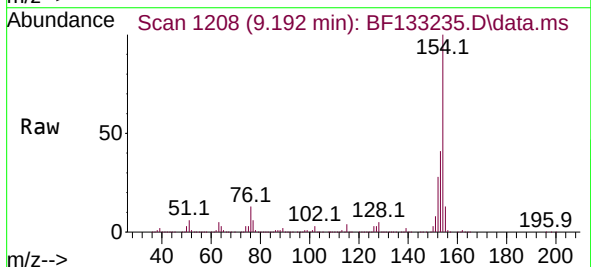
Tgt Ion:154 Resp: 1492020

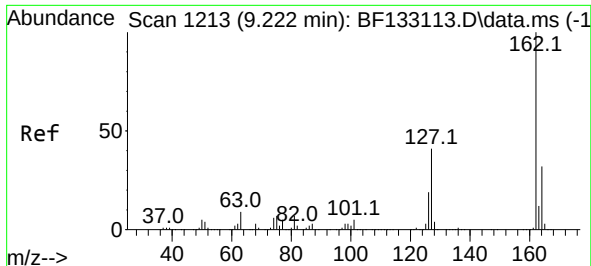
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 13.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.529 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion:162 Resp: 113769

Ion Ratio Lower Upper

162 100

127 39.2 32.3 48.5

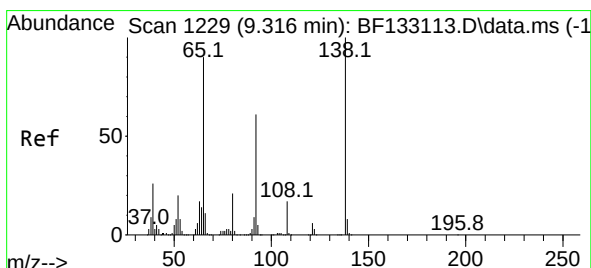
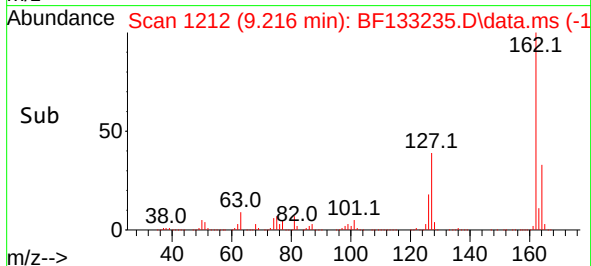
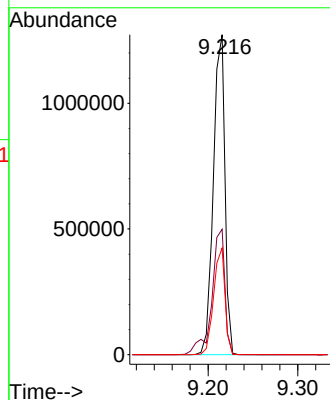
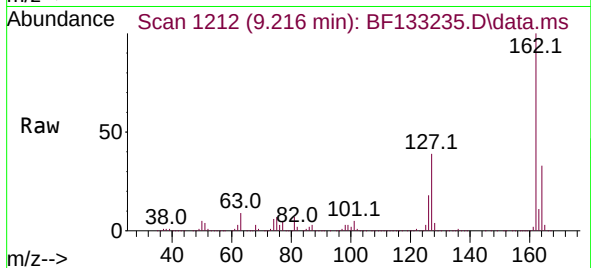
164 33.4 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#48

2-Nitroaniline

Concen: 44.828 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

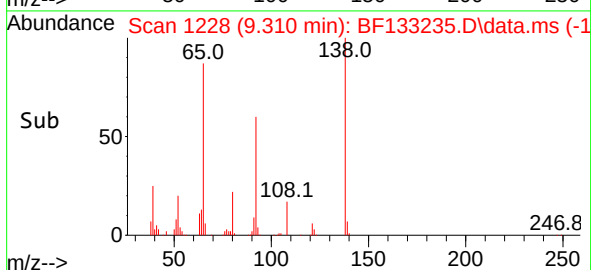
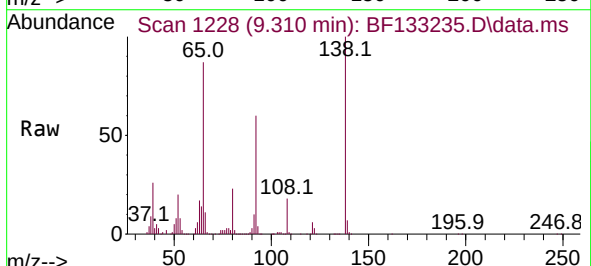
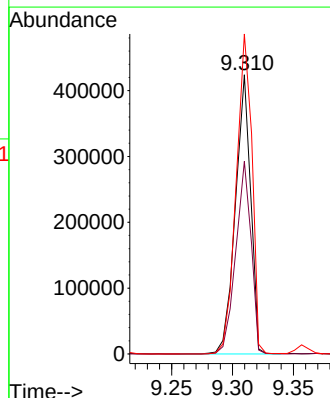
Tgt Ion: 65 Resp: 370219

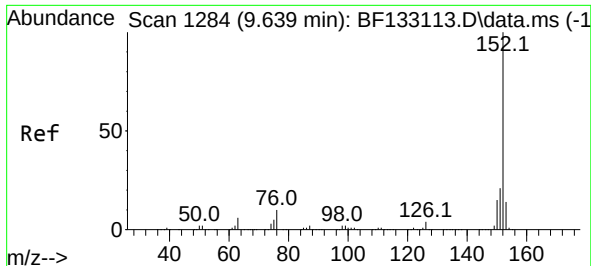
Ion Ratio Lower Upper

65 100

92 69.0 55.4 83.0

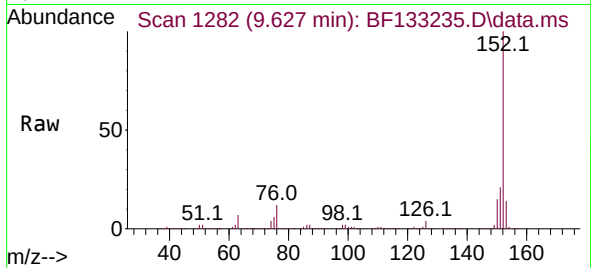
138 114.6 98.2 147.2





#49
Acenaphthylene
Concen: 44.329 ng
RT: 9.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

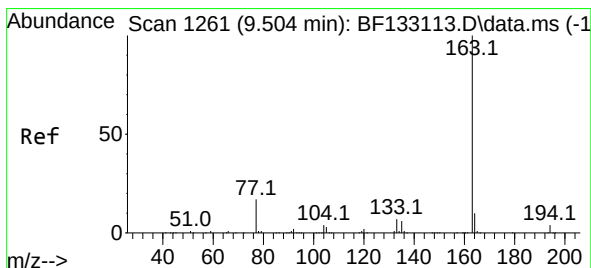
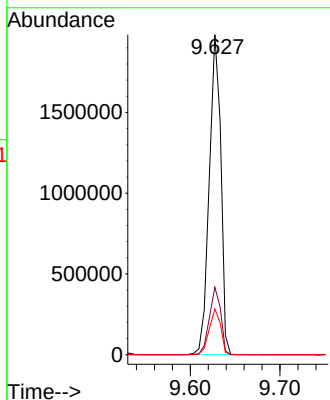
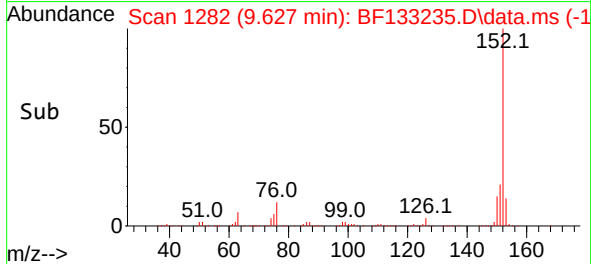
Instrument :
BNA_F
ClientSampleId :
TF-1MS



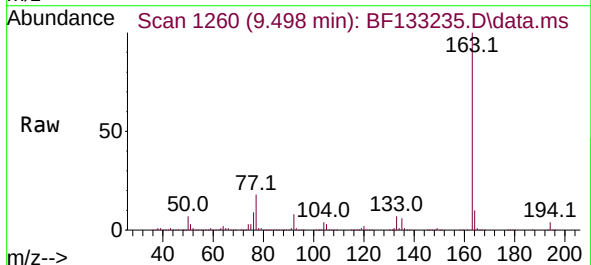
Tgt Ion:152 Resp: 176995
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.3 11.5 17.3

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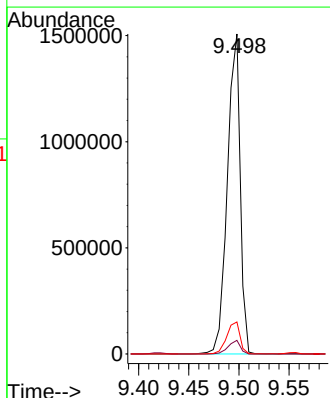
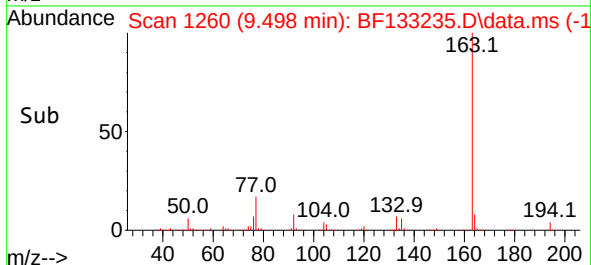
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

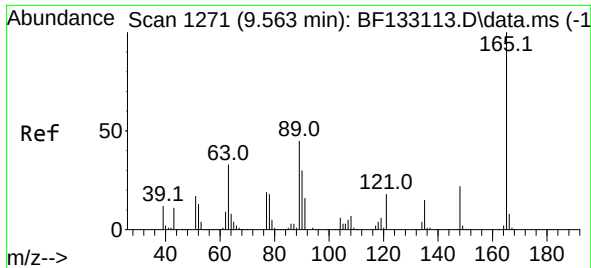


#50
Dimethylphthalate
Concen: 44.610 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



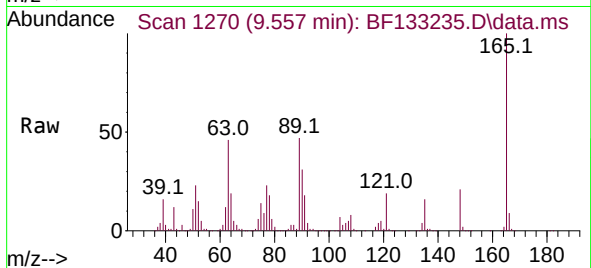
Tgt Ion:163 Resp: 1339252
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.659 ng
RT: 9.557 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

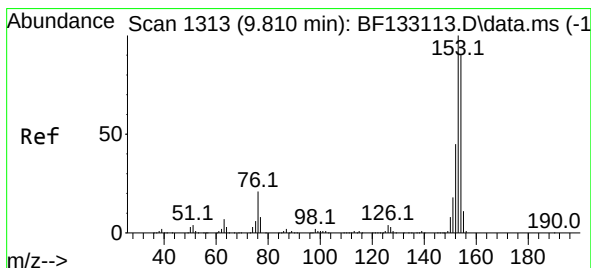
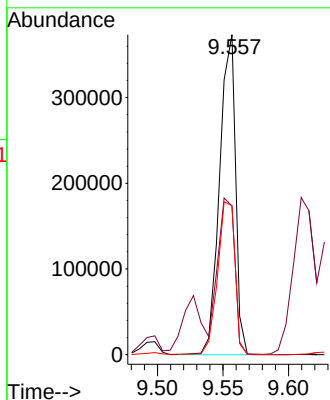
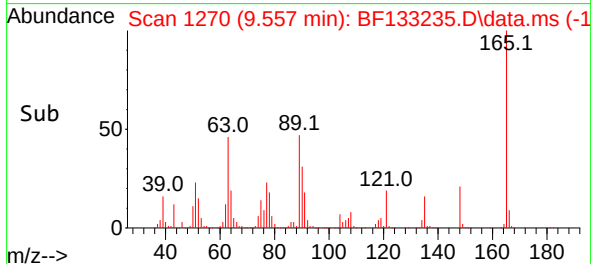
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:165 Resp: 315274
Ion Ratio Lower Upper
165 100
63 46.5 45.9 68.9
89 46.6 44.0 66.0

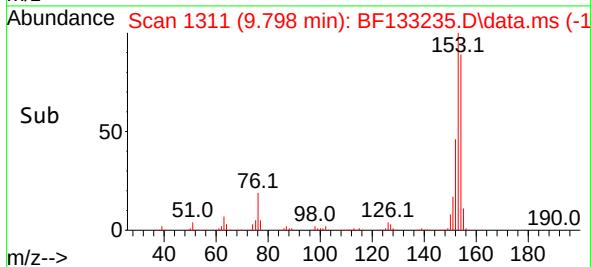
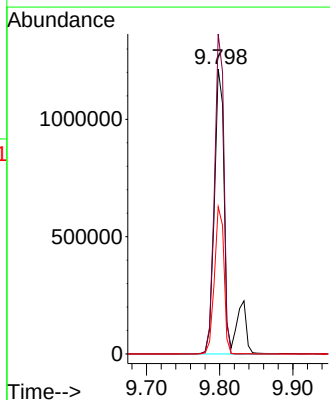
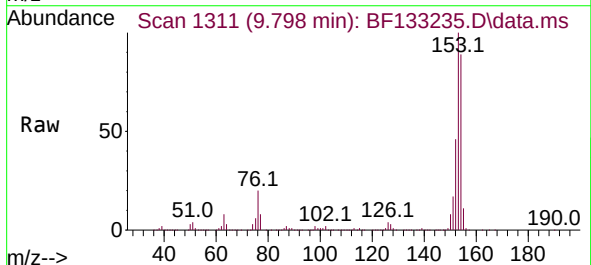
Manual Integrations
APPROVED

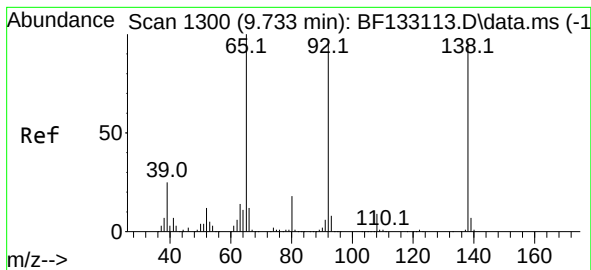
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#52
Acenaphthene
Concen: 48.863 ng m
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

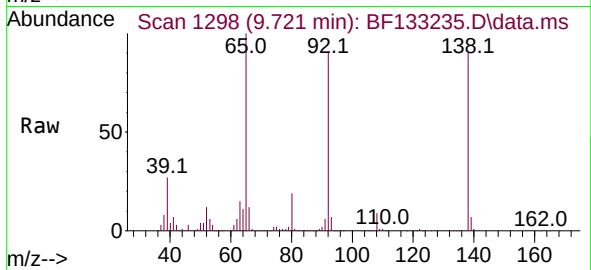
Tgt Ion:154 Resp: 1306670
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.6
152 51.6 40.4 60.6





#53
3-Nitroaniline
Concen: 29.588 ng
RT: 9.721 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

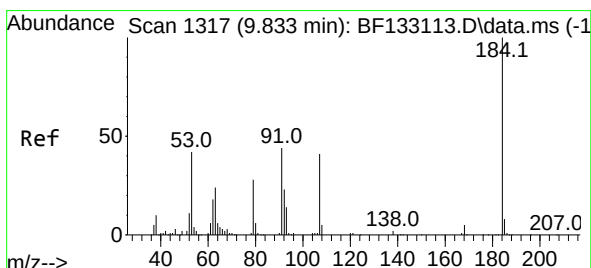
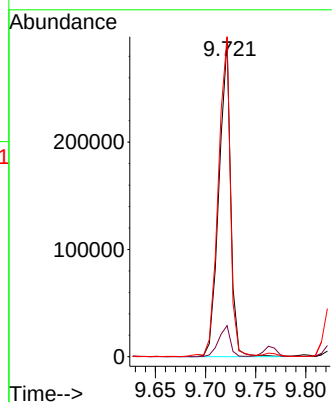
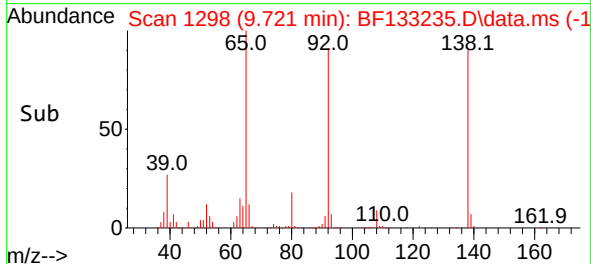
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:138 Resp: 23771
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 101.4 83.6 125.4

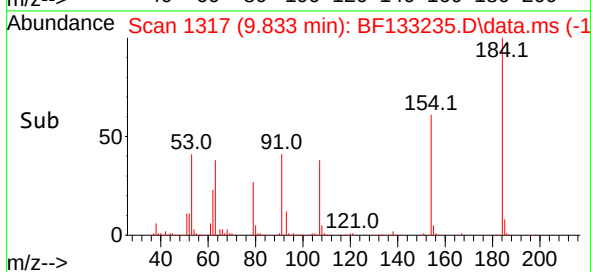
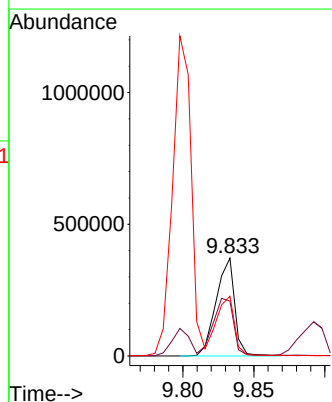
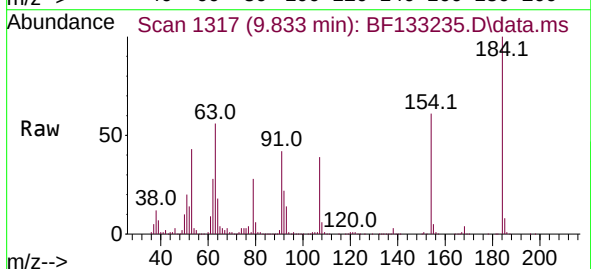
Manual Integrations
APPROVED

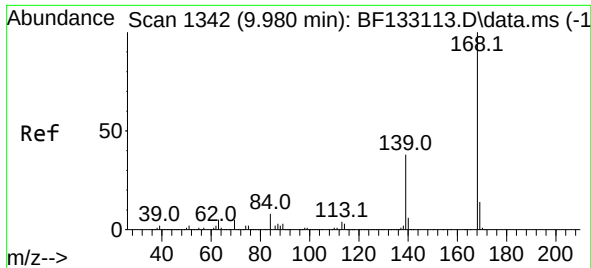
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#54
2,4-Dinitrophenol
Concen: 100.073 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

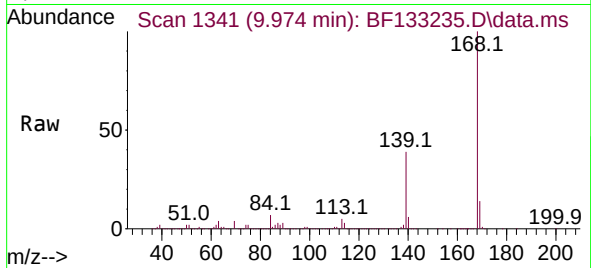
Tgt Ion:184 Resp: 339887
Ion Ratio Lower Upper
184 100
63 56.1 49.8 74.8
154 60.9 49.5 74.3





#55
Dibenzenofuran
Concen: 42.909 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

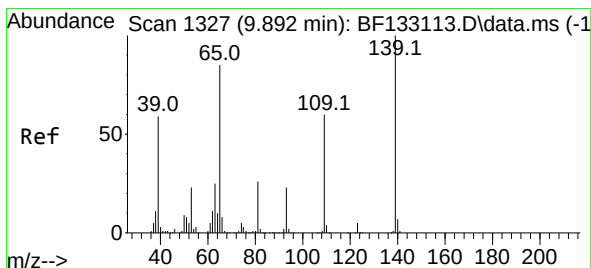
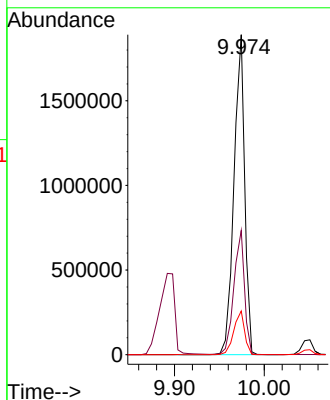
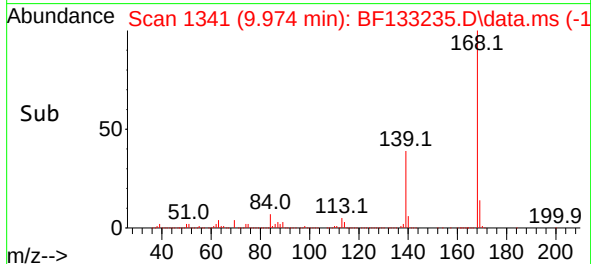
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:168 Resp: 1565240
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 13.7 10.8 16.2

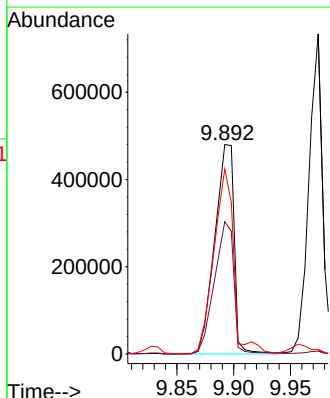
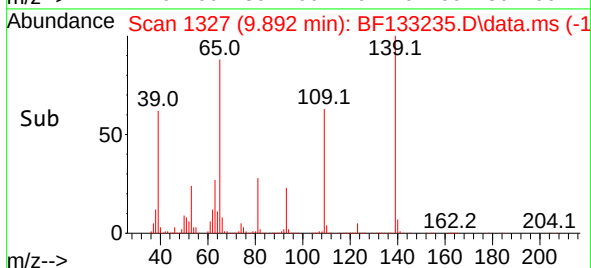
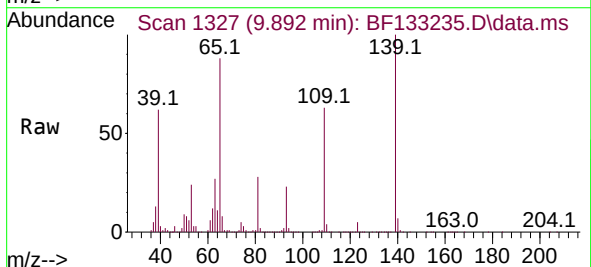
Manual Integrations
APPROVED

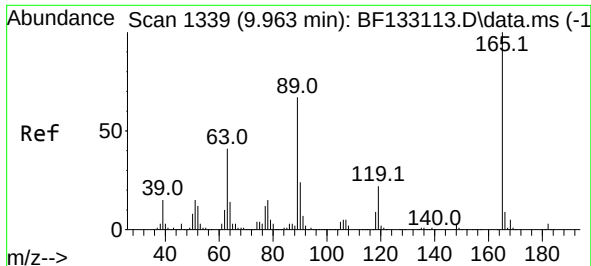
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#56
4-Nitrophenol
Concen: 91.626 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

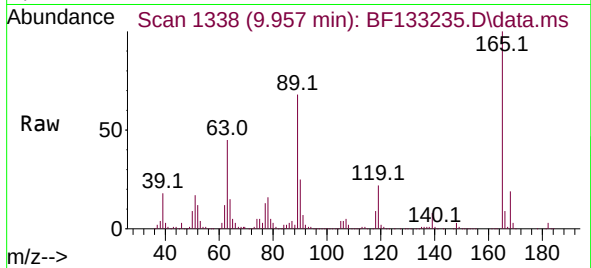
Tgt Ion:139 Resp: 570152
Ion Ratio Lower Upper
139 100
109 63.2 39.4 79.4
65 88.4 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 48.334 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

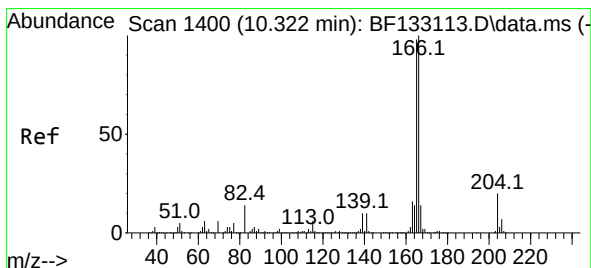
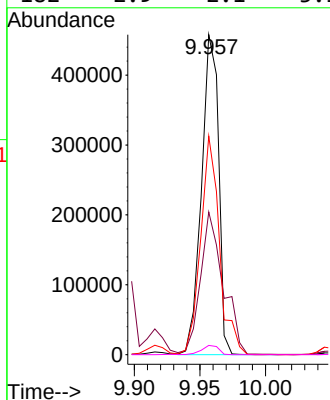
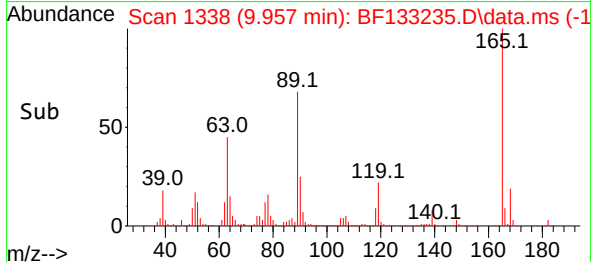
Instrument :
BNA_F
ClientSampleId :
TF-1MS



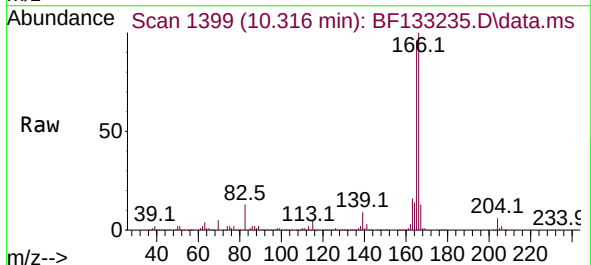
Tgt Ion:165 Resp: 416494
Ion Ratio Lower Upper
165 100
63 44.6 37.7 56.5
89 68.3 57.0 85.4
182 2.9 2.1 3.1

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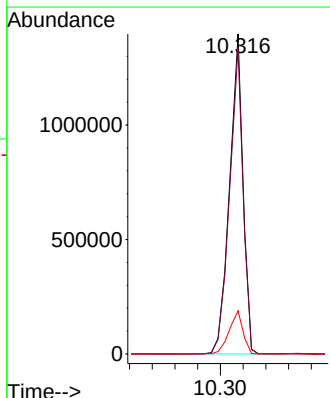
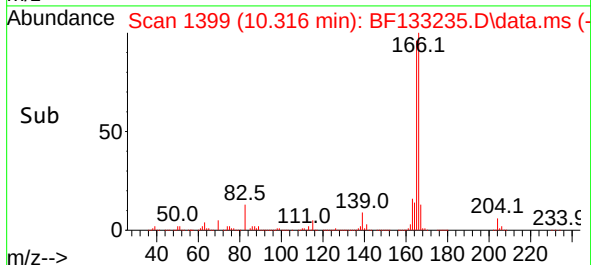
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

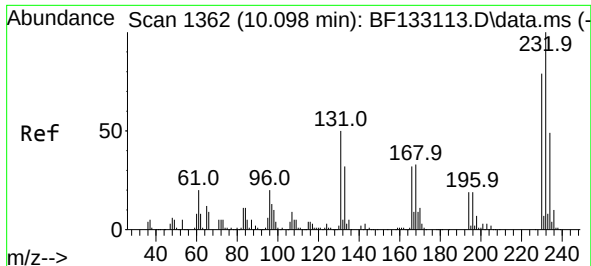


#58
Fluorene
Concen: 43.082 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



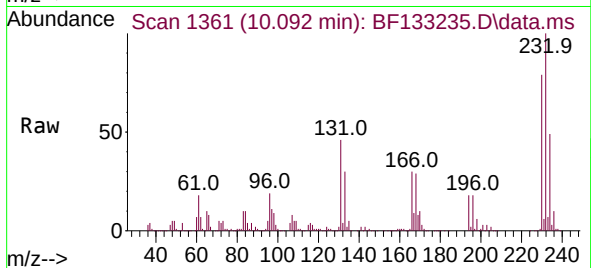
Tgt Ion:166 Resp: 1151373
Ion Ratio Lower Upper
166 100
165 95.5 78.6 117.8
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.194 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

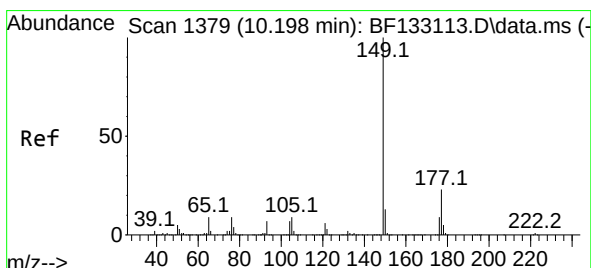
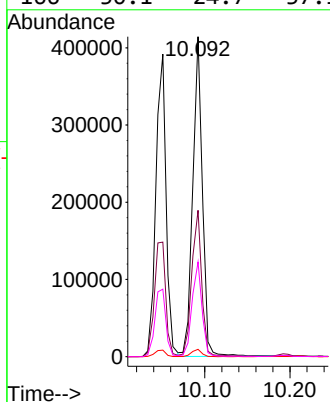
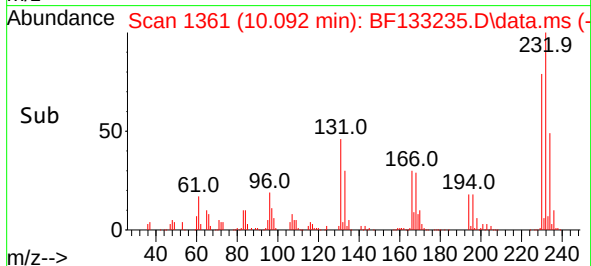
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:232 Resp: 32440
Ion Ratio Lower Upper
232 100
131 47.6 38.0 57.0
130 2.4 1.8 2.8
166 30.1 24.7 37.1

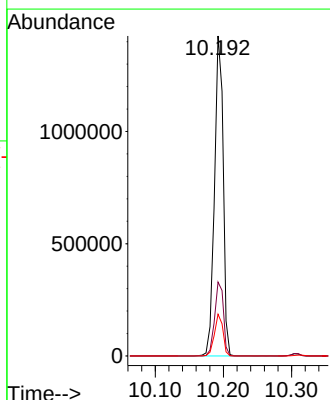
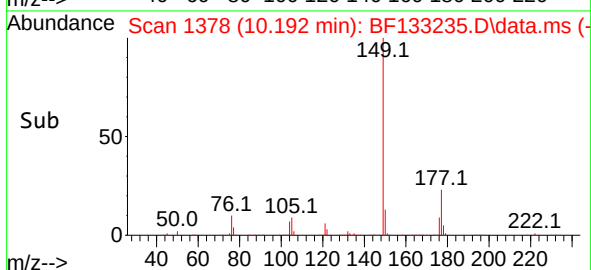
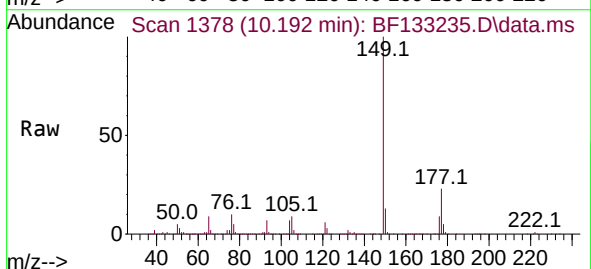
Manual Integrations
APPROVED

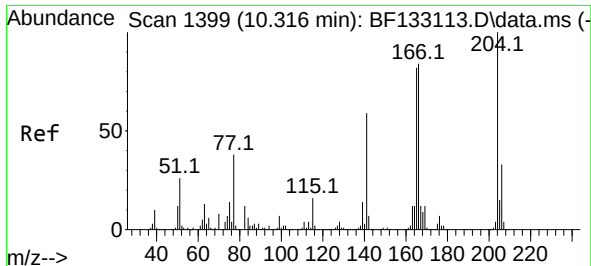
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#60
Diethylphthalate
Concen: 44.572 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

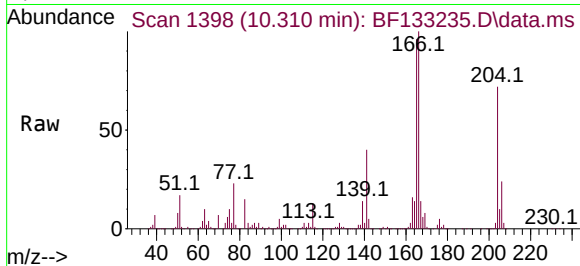
Tgt Ion:149 Resp: 1263913
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.038 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

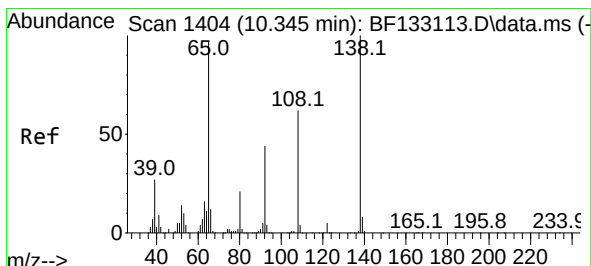
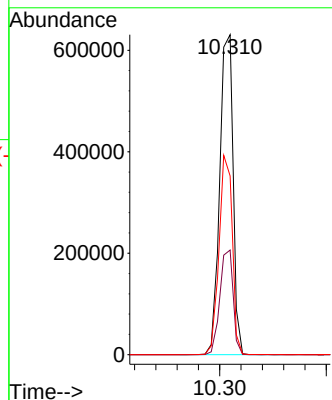
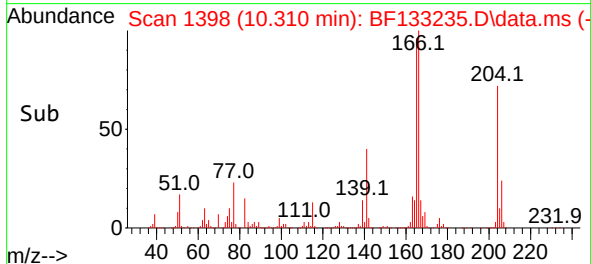
Instrument :
BNA_F
ClientSampleId :
TF-1MS



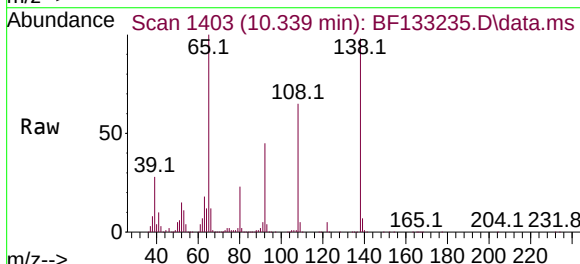
Tgt Ion:204 Resp: 547500
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 55.9 46.1 69.1

Manual Integrations
APPROVED

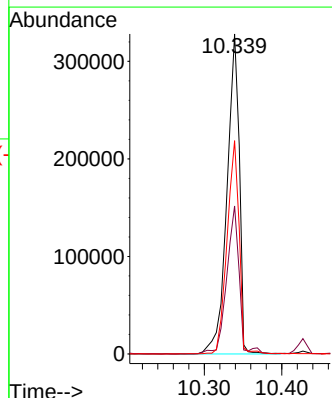
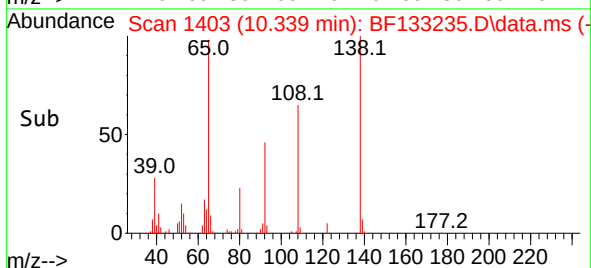
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

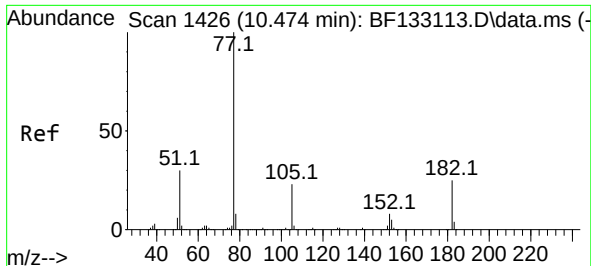


#62
4-Nitroaniline
Concen: 49.148 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



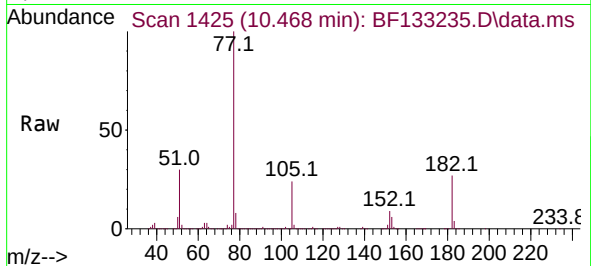
Tgt Ion:138 Resp: 362921
Ion Ratio Lower Upper
138 100
92 46.2 27.7 67.7
108 66.6 45.2 85.2





#63
Azobenzene
Concen: 44.331 ng
RT: 10.468 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

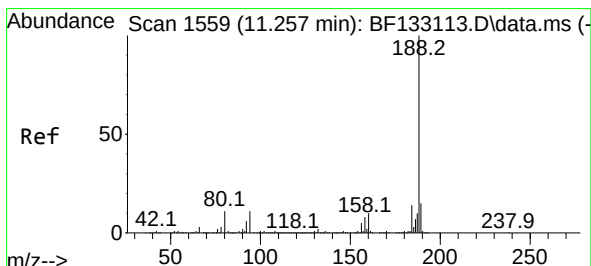
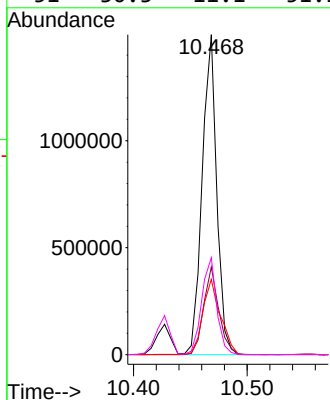
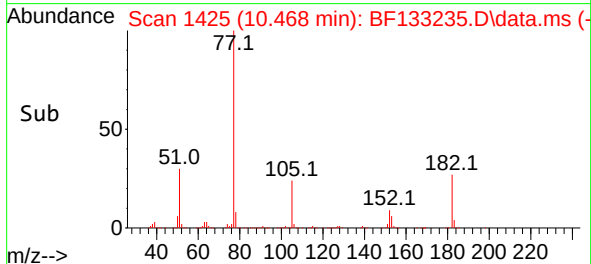
Instrument :
BNA_F
ClientSampleId :
TF-1MS



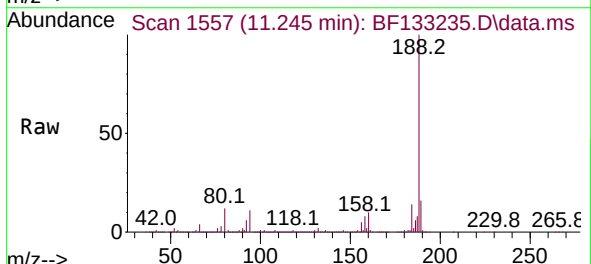
Tgt Ion: 77 Resp: 133169
Ion Ratio Lower Upper
77 100
182 27.4 5.9 45.9
105 23.5 2.3 42.3
51 30.3 11.1 51.1

Manual Integrations
APPROVED

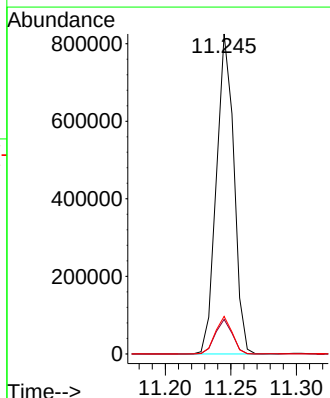
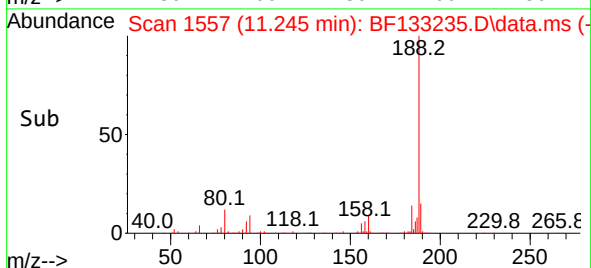
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

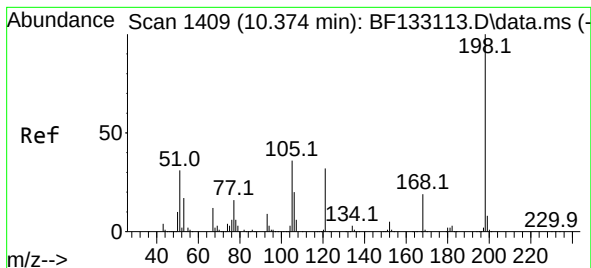


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



Tgt Ion:188 Resp: 763430
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.7 10.4 15.6





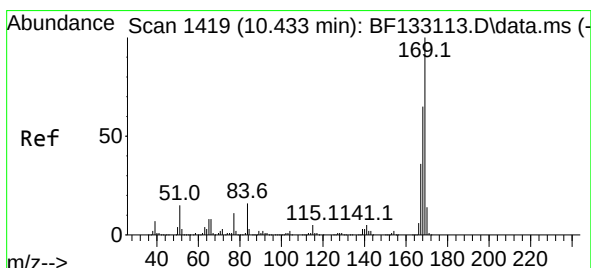
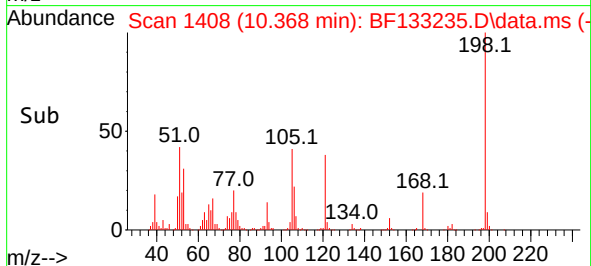
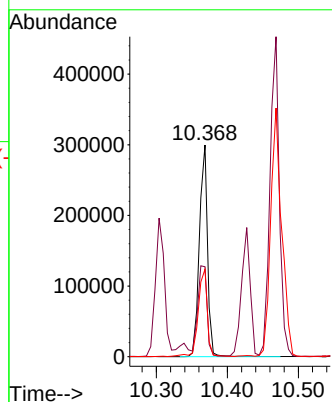
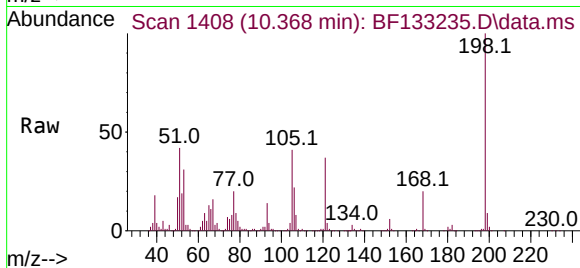
#65
4,6-Dinitro-2-methylphenol
Concen: 51.815 ng
RT: 10.368 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Instrument :
BNA_F
ClientSampleId :
TF-1MS

Tgt Ion:198 Resp: 239760
Ion Ratio Lower Upper
198 100
51 42.5 15.5 55.5
105 41.3 16.7 56.7

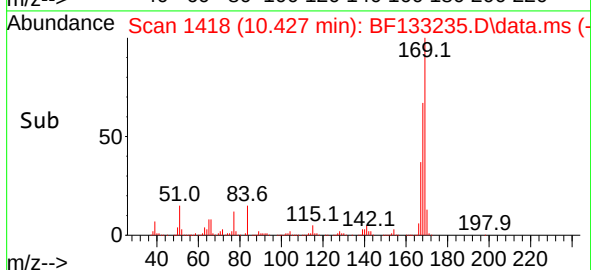
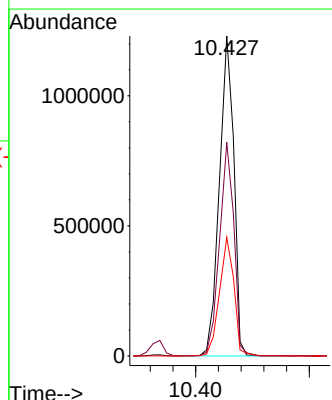
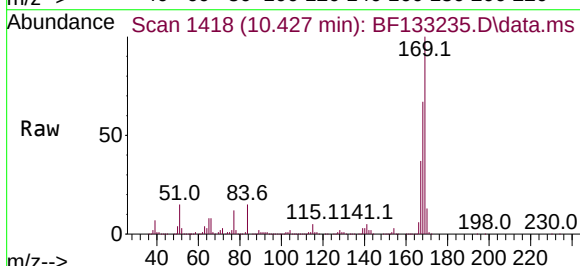
Manual Integrations
APPROVED

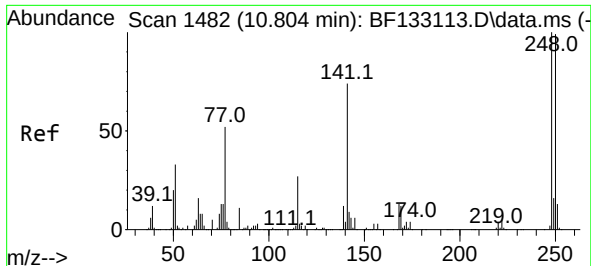
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#66
n-Nitrosodiphenylamine
Concen: 43.934 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

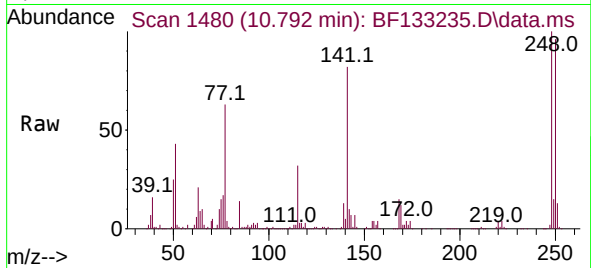
Tgt Ion:169 Resp: 1087966
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 37.0 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 43.363 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

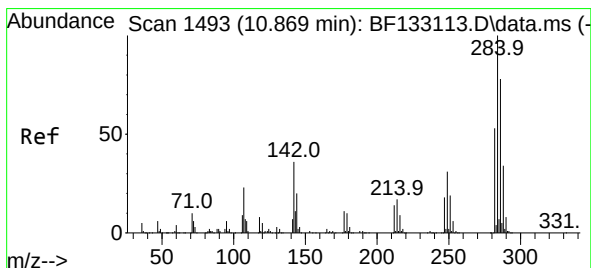
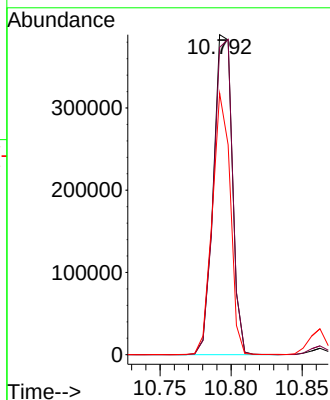
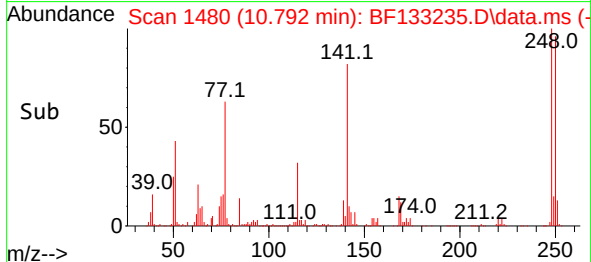
Instrument :
BNA_F
ClientSampleId :
TF-1MS



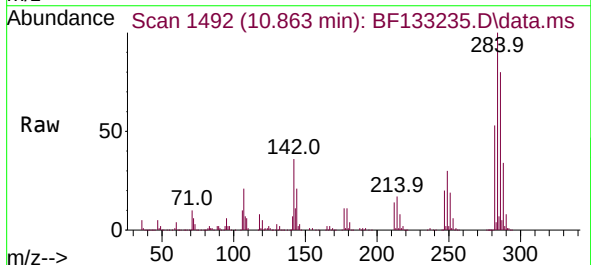
Tgt Ion:248 Resp: 359040
Ion Ratio Lower Upper
248 100
250 96.0 78.7 118.1
141 81.7 56.3 84.5

Manual Integrations
APPROVED

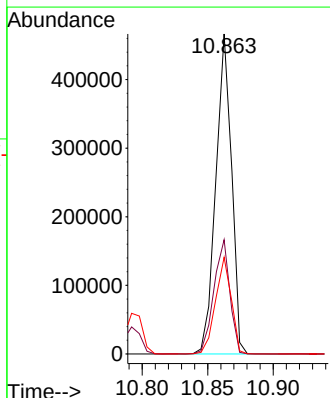
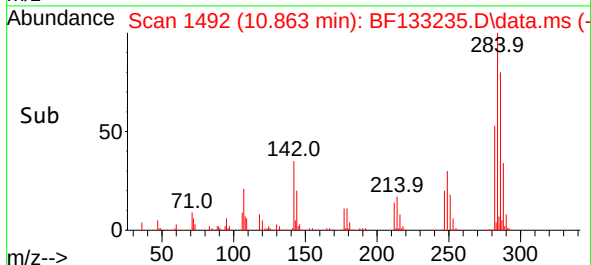
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

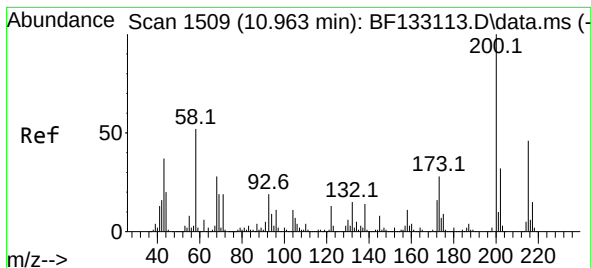


#68
Hexachlorobenzene
Concen: 45.655 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



Tgt Ion:284 Resp: 387350
Ion Ratio Lower Upper
284 100
142 35.7 26.0 39.0
249 30.2 23.7 35.5





#69

Atrazine

Concen: 52.416 ng

RT: 10.957 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion:200 Resp: 37401

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

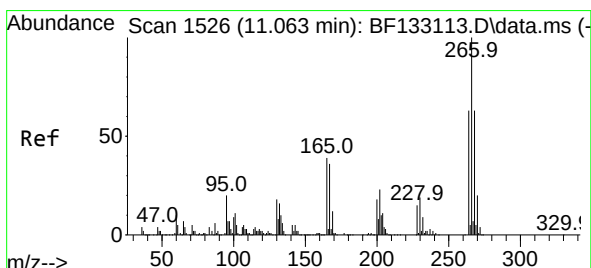
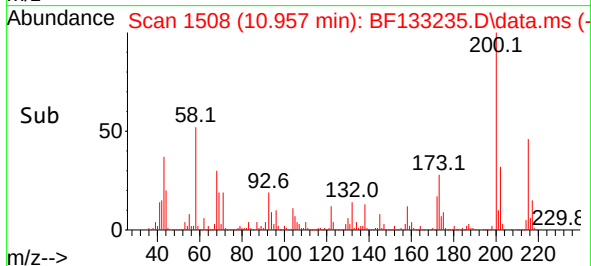
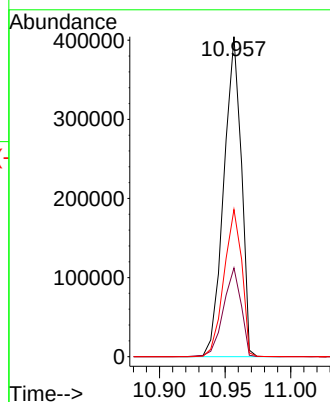
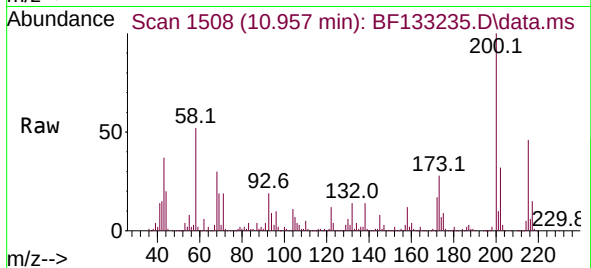
215 46.0 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#70

Pentachlorophenol

Concen: 74.219 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

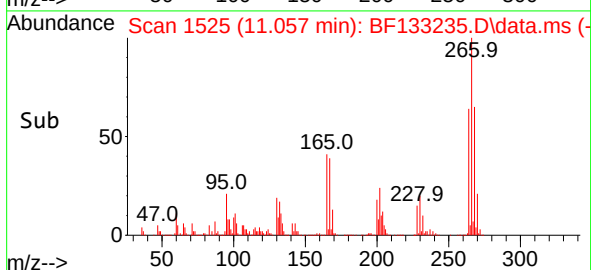
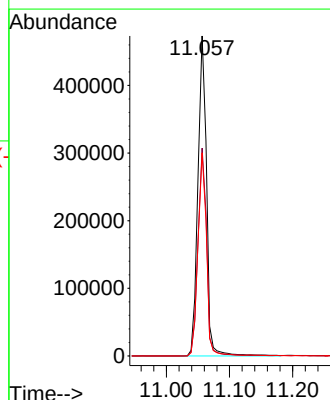
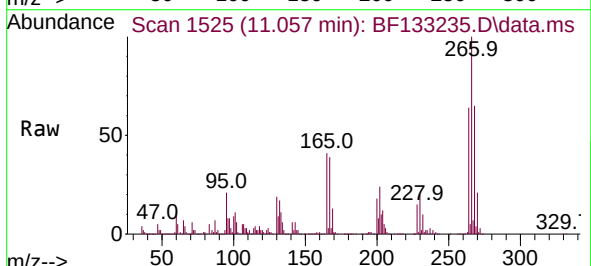
Tgt Ion:266 Resp: 448464

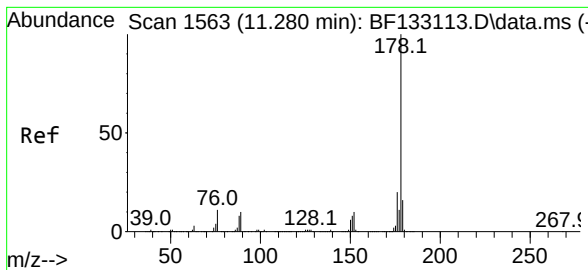
Ion Ratio Lower Upper

266 100

268 65.0 48.8 73.2

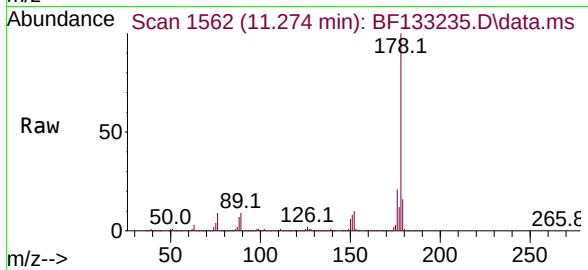
264 63.5 50.6 76.0





#71
Phenanthrene
Concen: 43.187 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

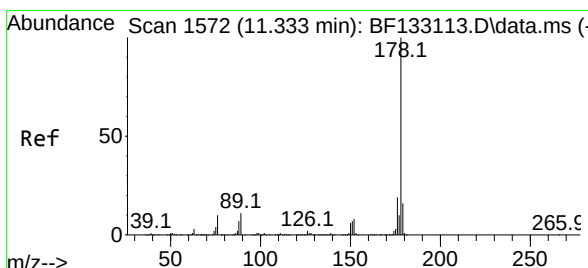
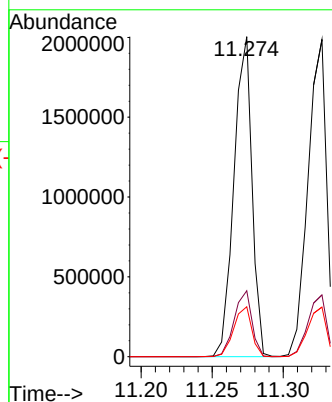
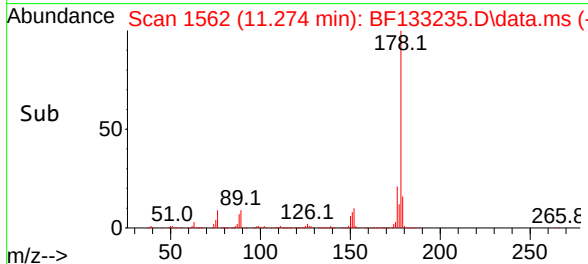
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:178 Resp: 1772034
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 15.6 12.5 18.7

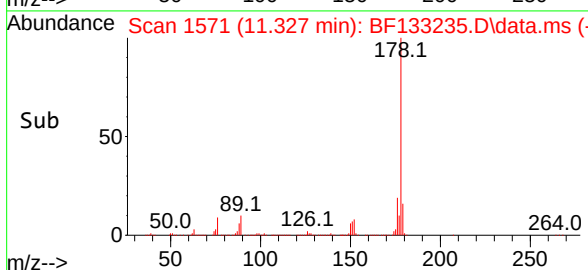
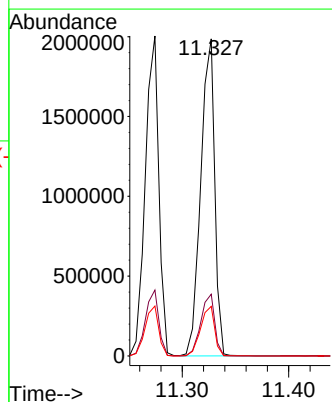
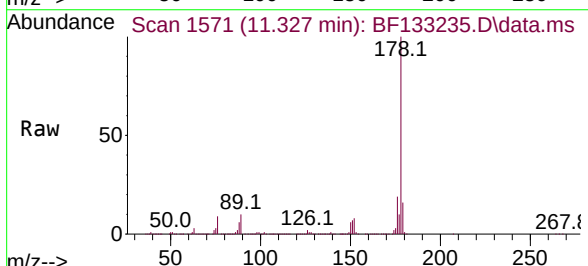
Manual Integrations
APPROVED

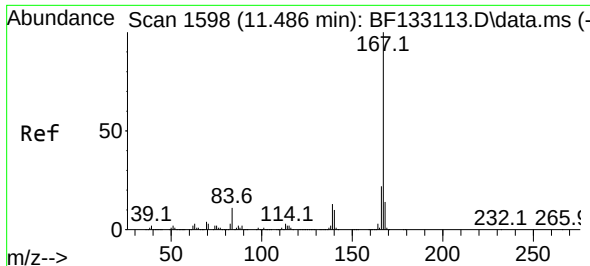
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Anthracene
Concen: 43.251 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

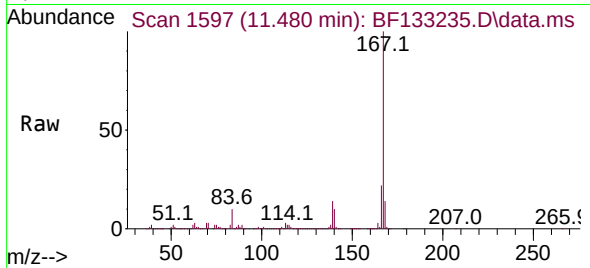
Tgt Ion:178 Resp: 1816191
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 43.996 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31

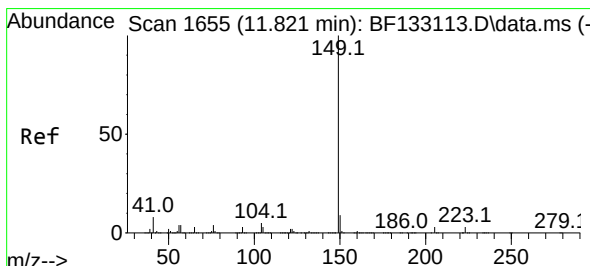
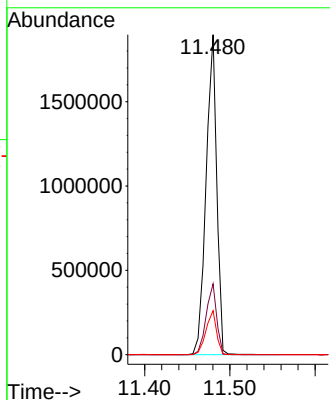
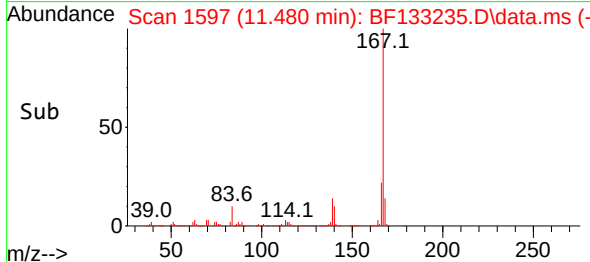
Instrument :
 BNA_F
 ClientSampleId :
 TF-1MS



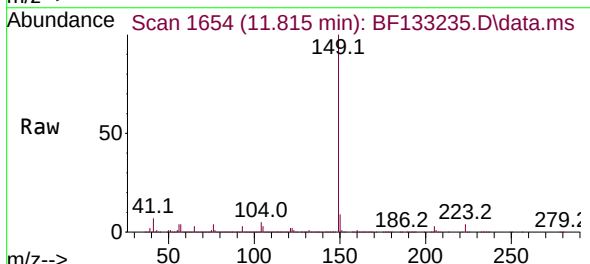
Tgt Ion:167 Resp: 1645060
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.8 10.6 16.0

Manual Integrations
 APPROVED

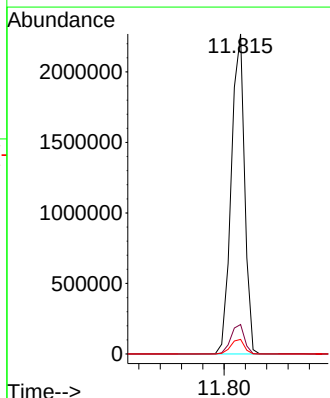
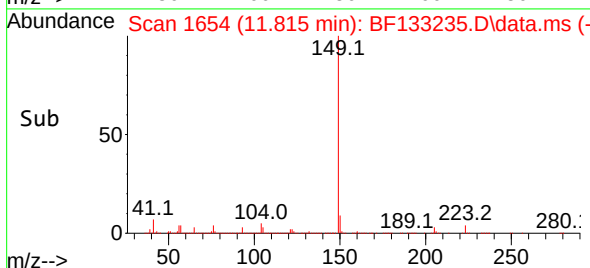
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

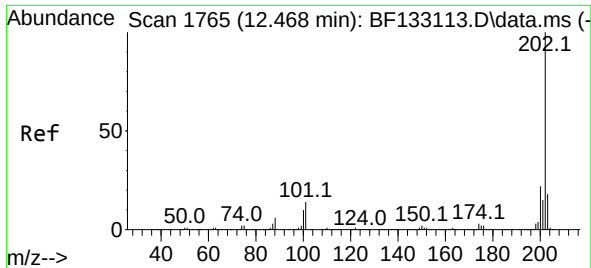


#74
 Di-n-butylphthalate
 Concen: 46.667 ng
 RT: 11.815 min Scan# 1654
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31



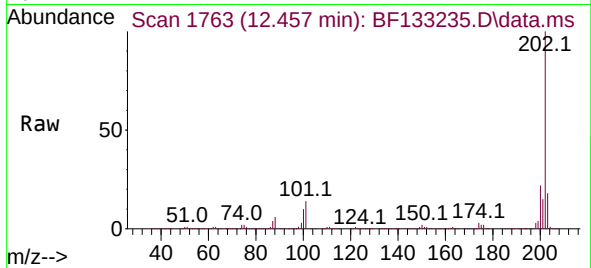
Tgt Ion:149 Resp: 1974661
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 41.731 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

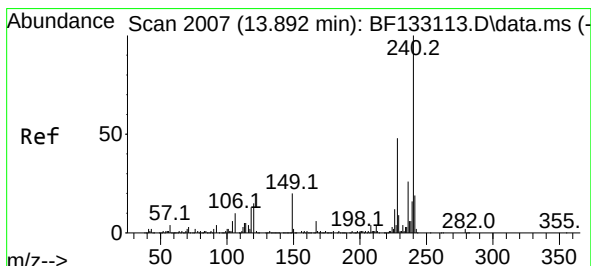
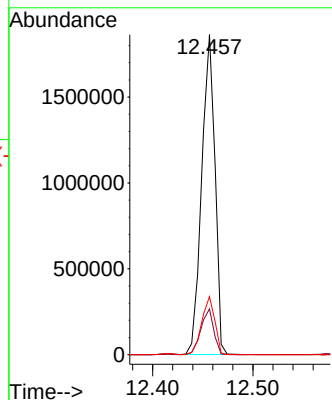
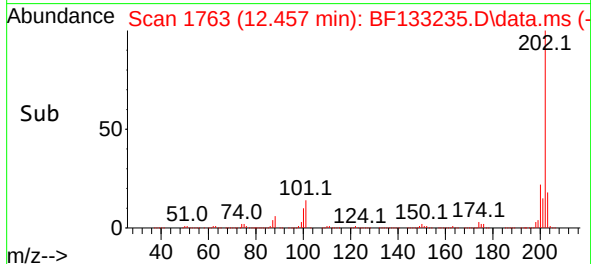
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:202 Resp: 1718484
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 18.2 0.0 38.1

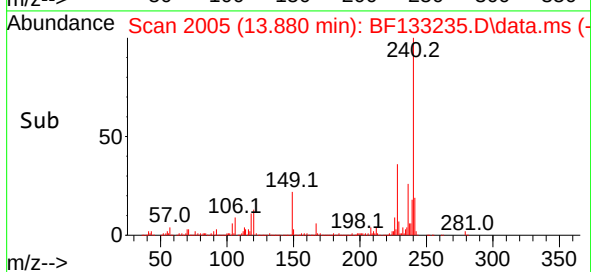
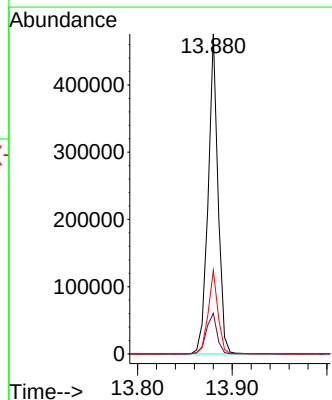
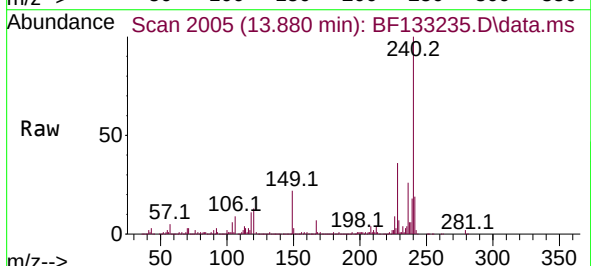
Manual Integrations
APPROVED

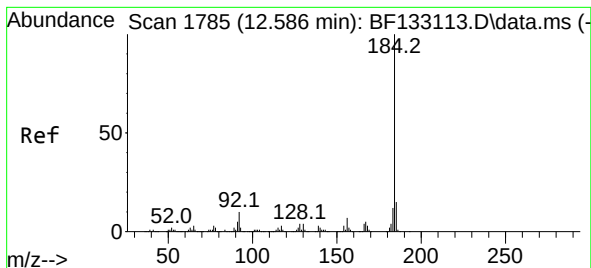
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

Tgt Ion:240 Resp: 342932
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.1 21.5 32.3





#77

Benzidine

Concen: 130.962 ng

RT: 12.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion:184 Resp: 75946

Ion Ratio Lower Upper

184 100

185 14.7 15.4 23.2

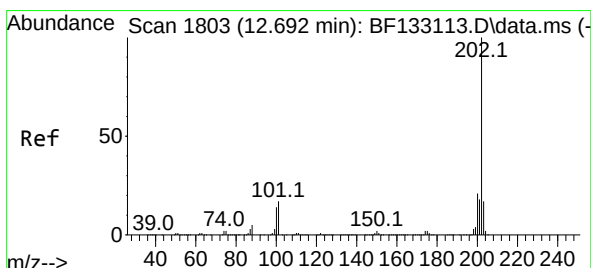
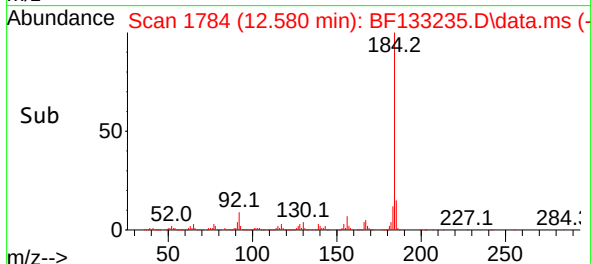
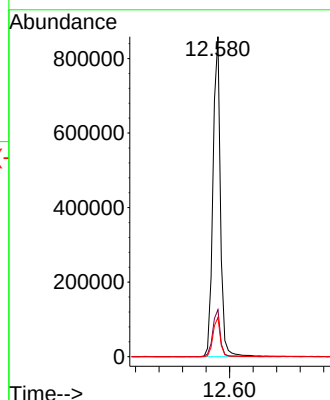
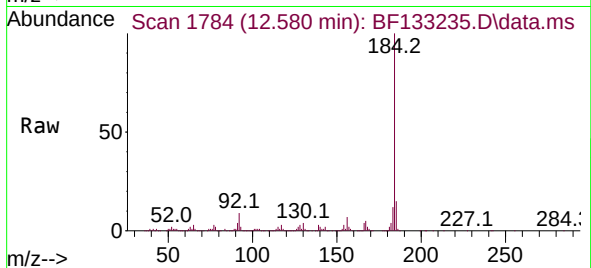
183 12.3 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#78

Pyrene

Concen: 57.929 ng

RT: 12.686 min Scan# 1802

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

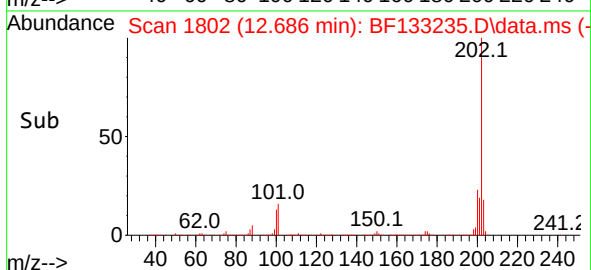
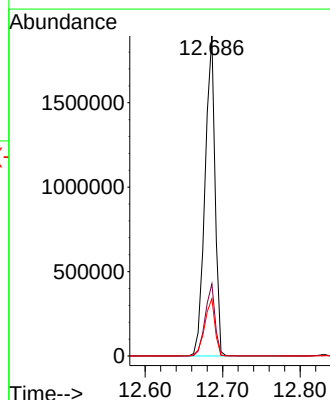
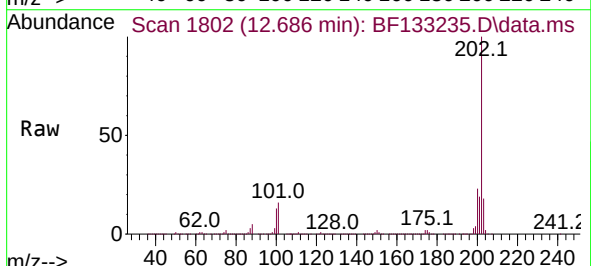
Tgt Ion:202 Resp: 1702938

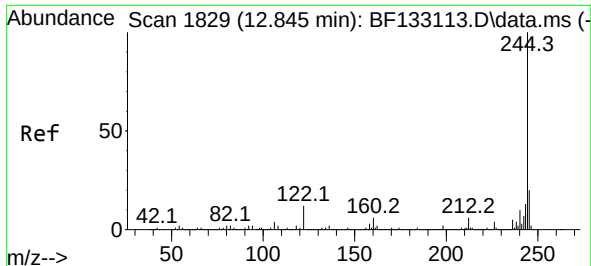
Ion Ratio Lower Upper

202 100

200 22.5 17.1 25.7

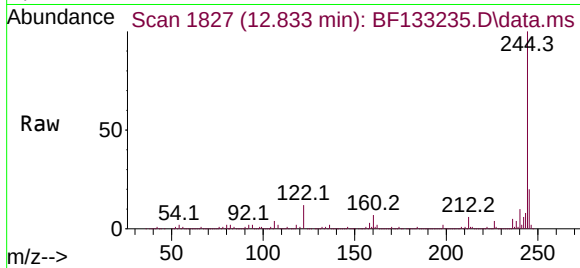
203 17.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 90.331 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31

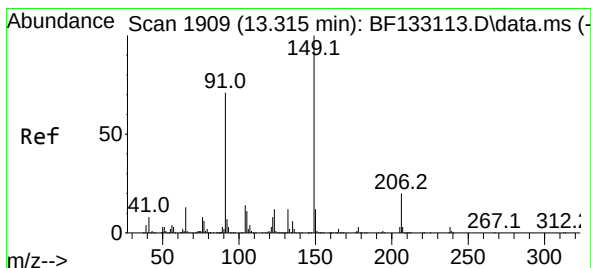
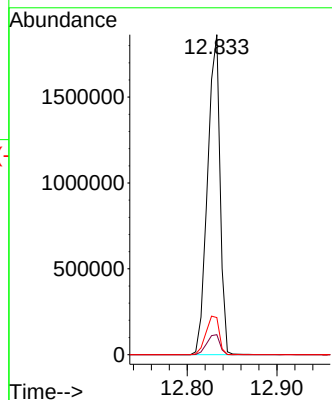
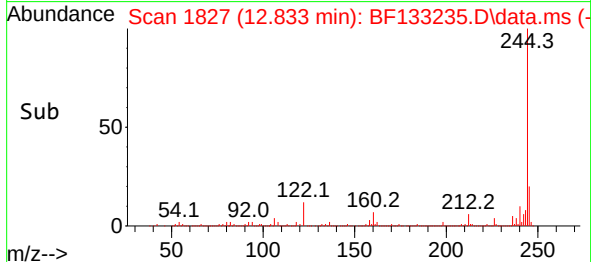
Instrument :
 BNA_F
 ClientSampleId :
 TF-1MS



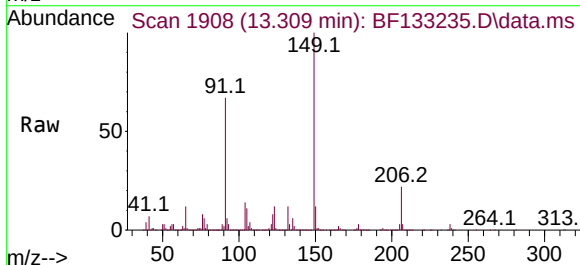
Tgt Ion:244 Resp: 179613
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.6 8.6 13.0

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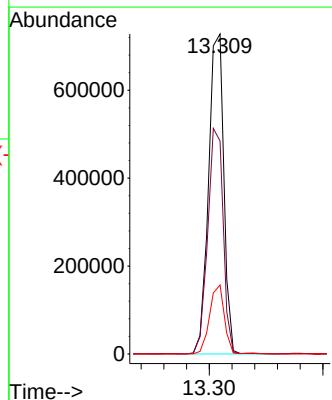
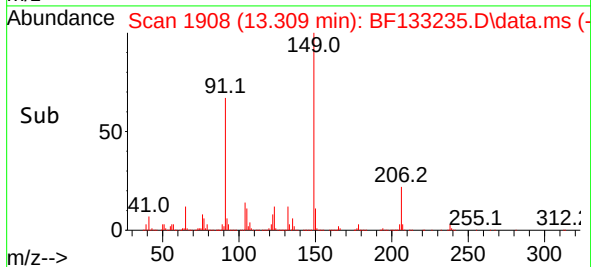
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

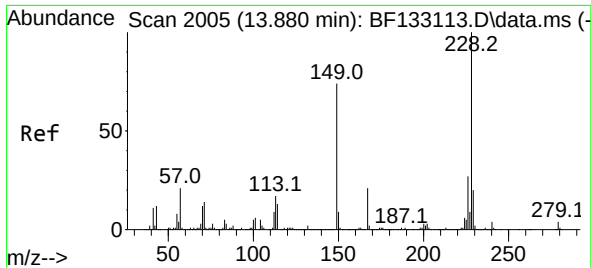


#80
 Butylbenzylphthalate
 Concen: 65.249 ng
 RT: 13.309 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: BF133235.D
 Acq: 04 May 2023 17:31



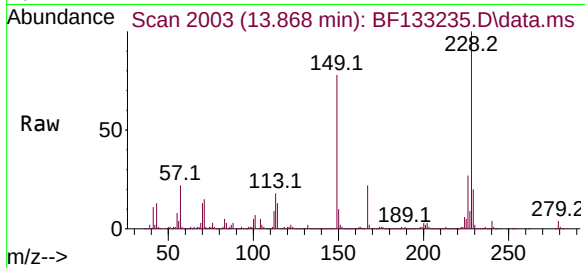
Tgt Ion:149 Resp: 679165
 Ion Ratio Lower Upper
 149 100
 91 66.6 53.8 80.6
 206 21.5 17.5 26.3





#81
Benzo(a)anthracene
Concen: 44.931 ng
RT: 13.868 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

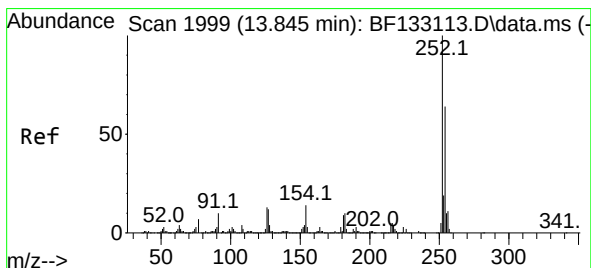
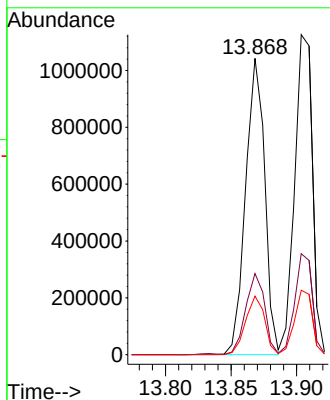
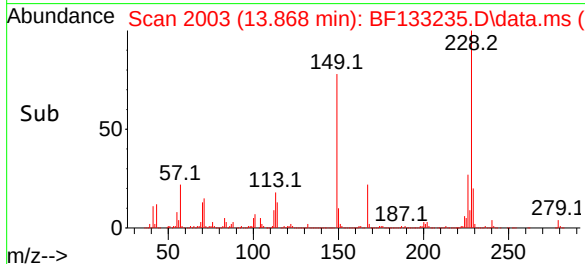
Instrument :
BNA_F
ClientSampleId :
TF-1MS



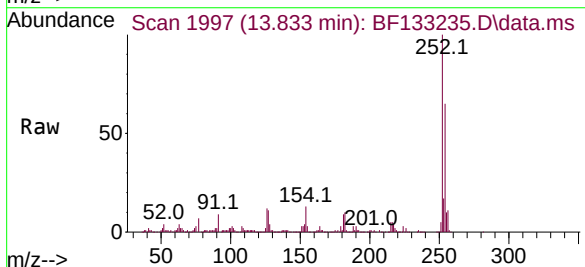
Tgt Ion:228 Resp: 1059580
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.8 16.0 24.0

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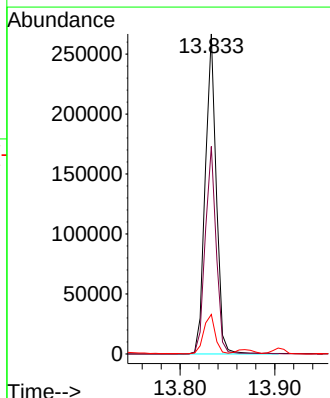
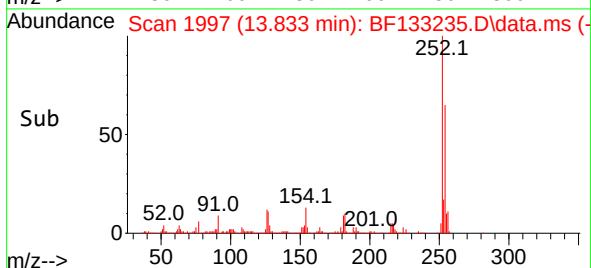
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

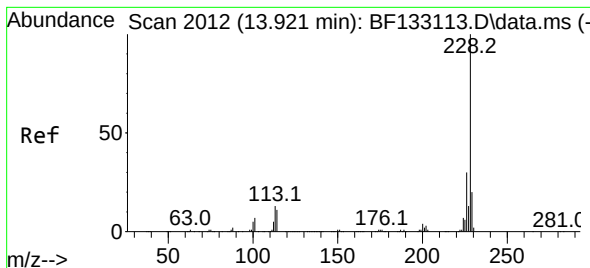


#82
3,3'-Dichlorobenzidine
Concen: 32.918 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



Tgt Ion:252 Resp: 214449
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 12.4 9.5 14.3





#83

Chrysene

Concen: 45.018 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

TF-1MS

Tgt Ion:228 Resp: 106135

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

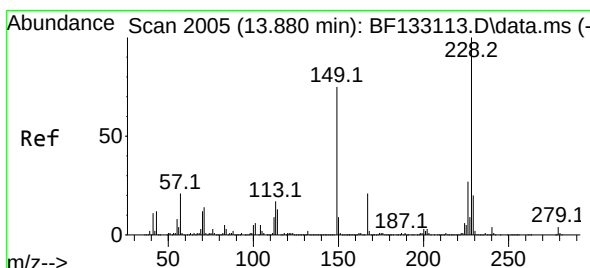
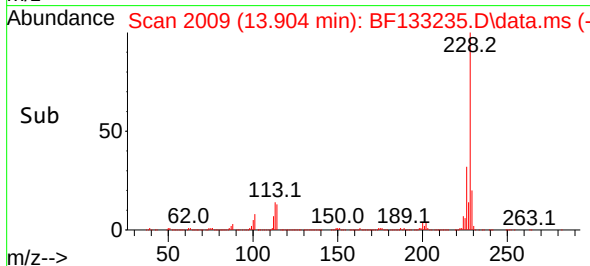
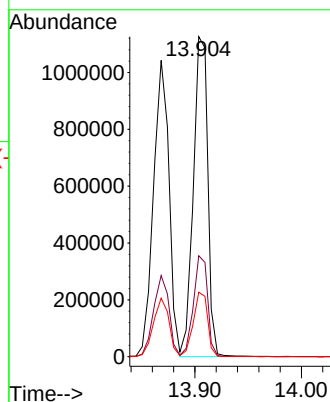
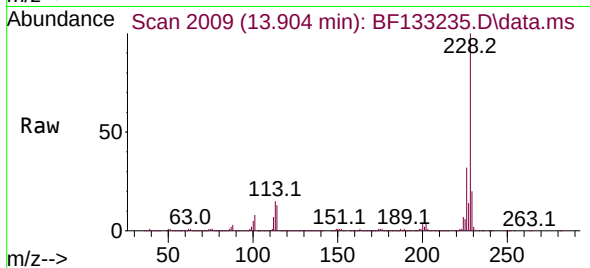
229 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.263 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF133235.D

Acq: 04 May 2023 17:31

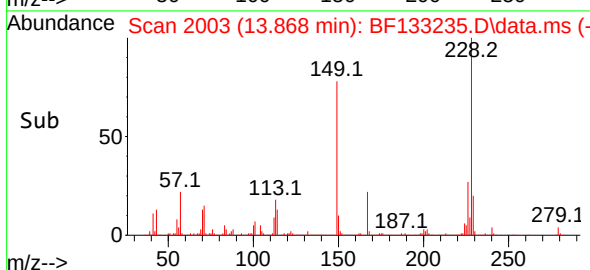
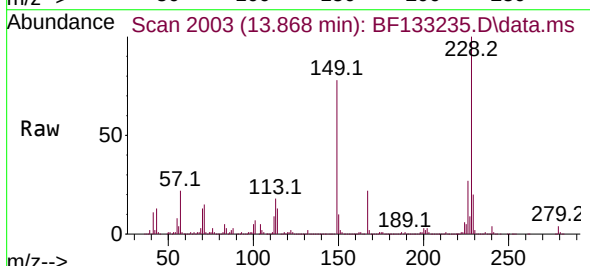
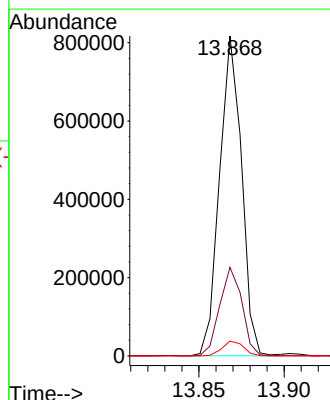
Tgt Ion:149 Resp: 735074

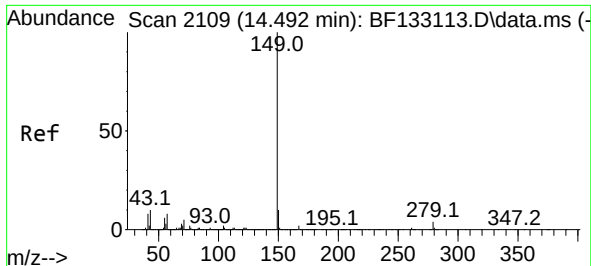
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

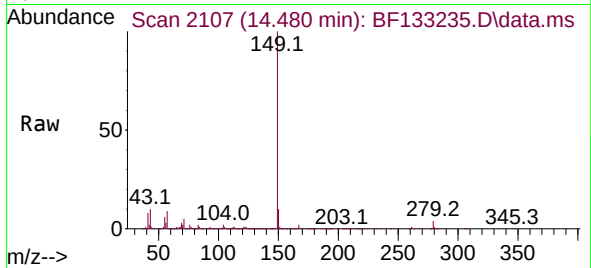
279 4.6 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 55.005 ng
RT: 14.480 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

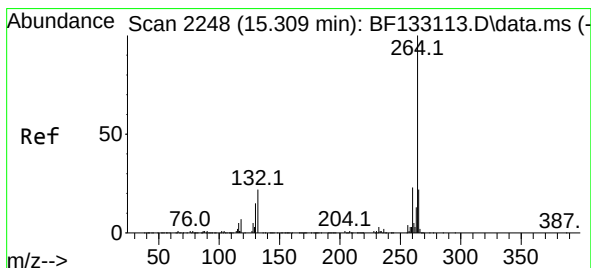
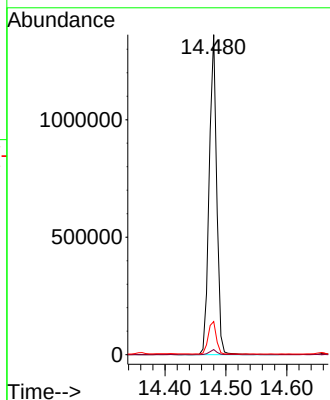
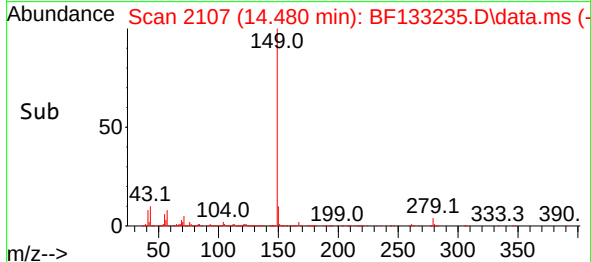
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:149 Resp: 1171768
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 9.5 14.3

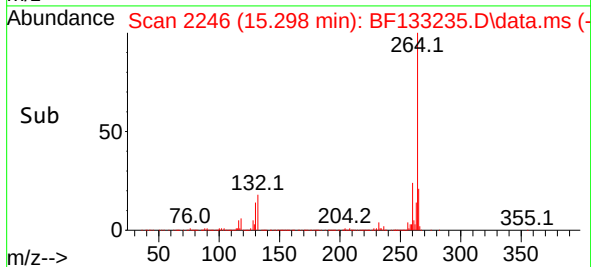
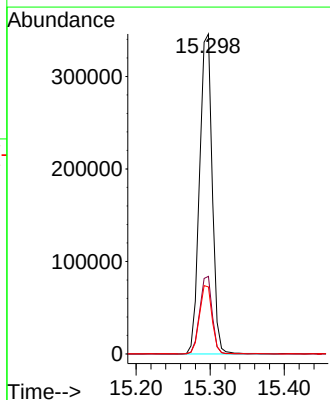
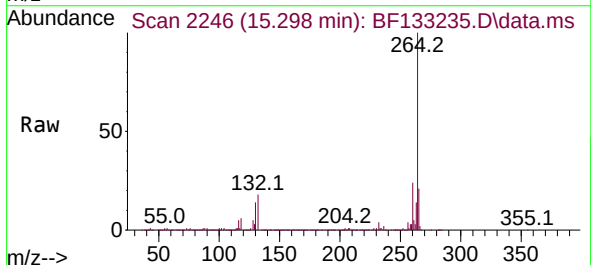
Manual Integrations
APPROVED

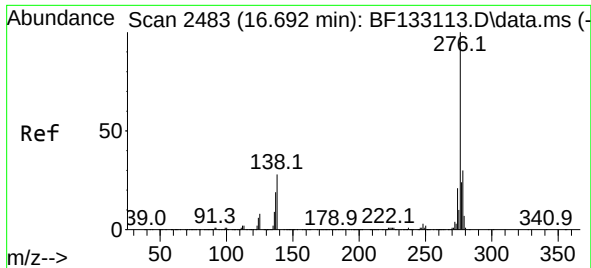
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

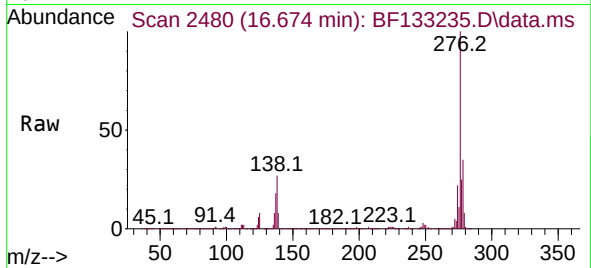
Tgt Ion:264 Resp: 409673
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 20.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.509 ng
RT: 16.674 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

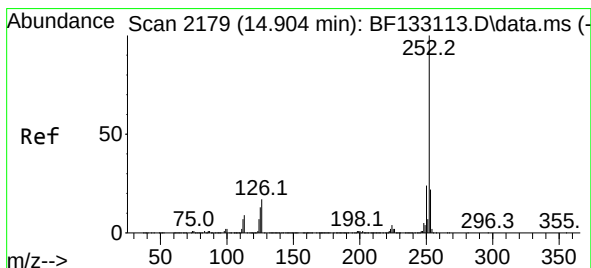
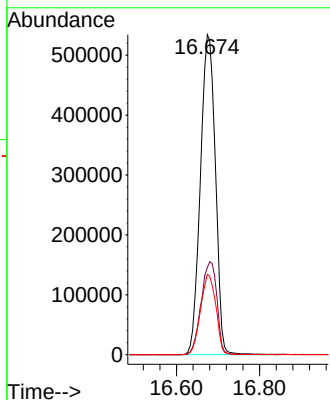
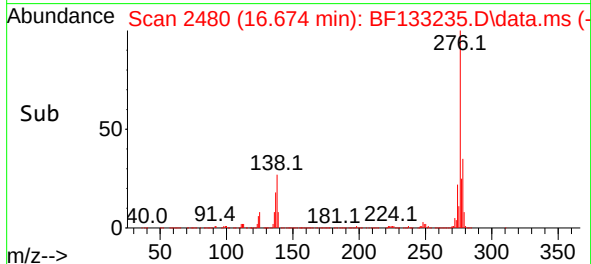
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:276 Resp: 134014
Ion Ratio Lower Upper
276 100
138 30.4 25.5 38.3
277 25.5 20.4 30.6

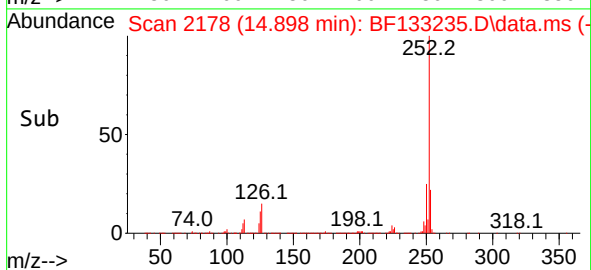
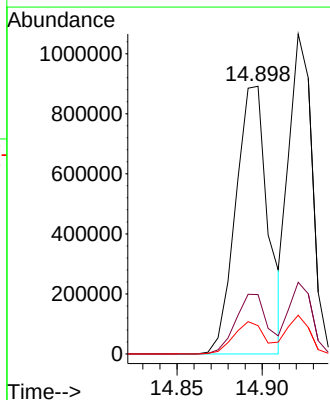
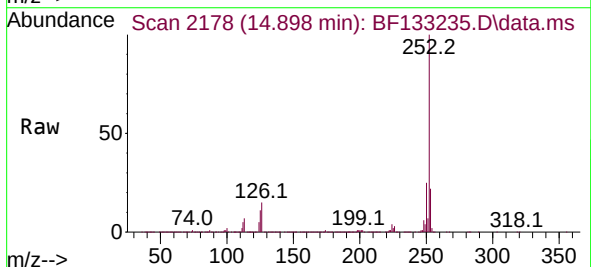
Manual Integrations
APPROVED

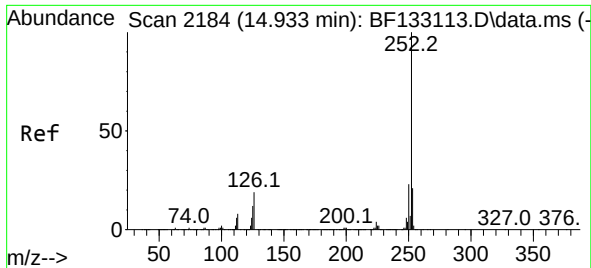
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#88
Benzo(b)fluoranthene
Concen: 45.227 ng
RT: 14.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

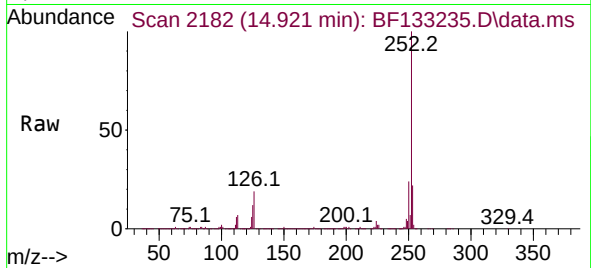
Tgt Ion:252 Resp: 1178745
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.6 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 39.477 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

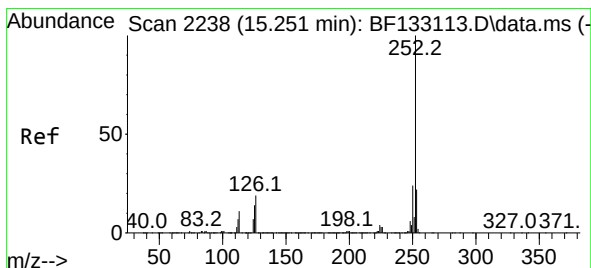
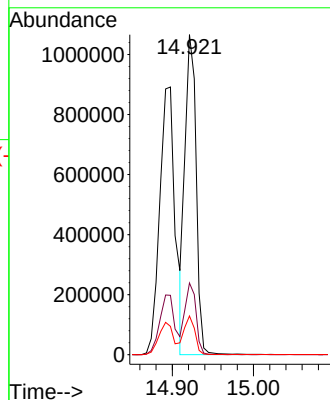
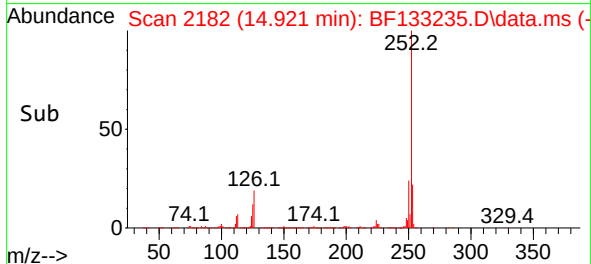
Instrument :
BNA_F
ClientSampleId :
TF-1MS



Tgt Ion:252 Resp: 1019910
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.1 9.0 13.4

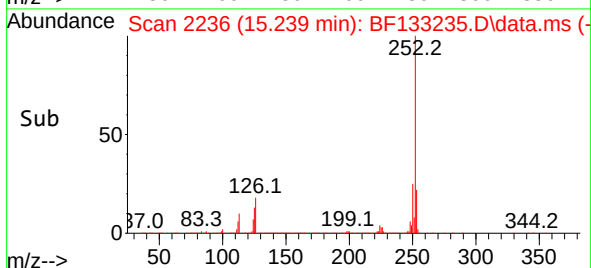
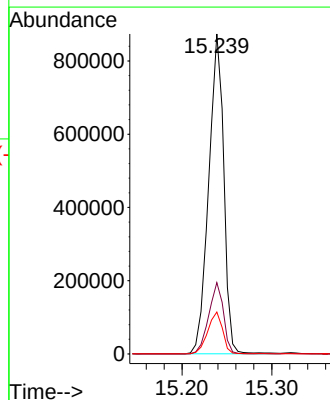
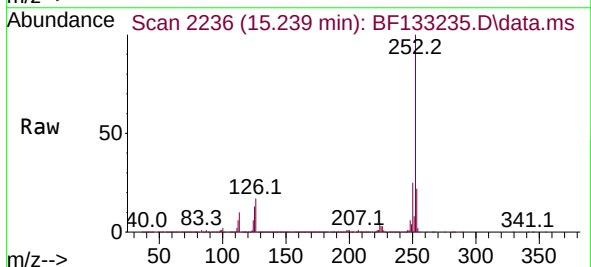
Manual Integrations
APPROVED

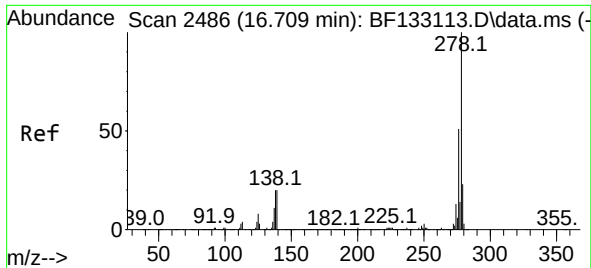
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#90
Benzo(a)pyrene
Concen: 42.923 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

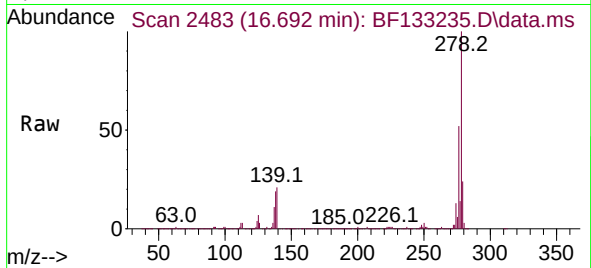
Tgt Ion:252 Resp: 1018259
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 13.1 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 57.261 ng
RT: 16.692 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31

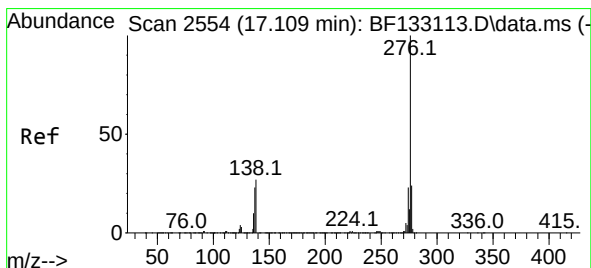
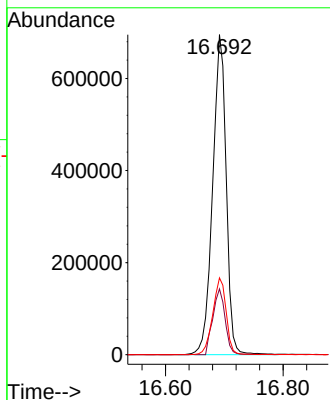
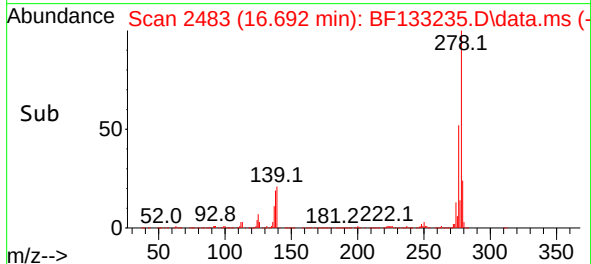
Instrument :
BNA_F
ClientSampleId :
TF-1MS



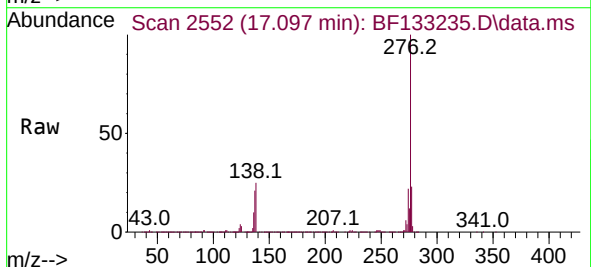
Tgt Ion:278 Resp: 1112910
Ion Ratio Lower Upper
278 100
139 20.6 16.6 24.8
279 24.0 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.284 ng
RT: 17.097 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BF133235.D
Acq: 04 May 2023 17:31



Tgt Ion:276 Resp: 1060804
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 25.1 22.7 34.1

