

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133101.D
 Acq On : 27 Apr 2023 15:51
 Operator : CG\JU
 Sample : 02504-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:08:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	215056	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	867033	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	447633	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	769996	20.000	ng	0.00
76) Chrysene-d12	13.892	240	459028	20.000	ng	0.00
86) Perylene-d12	15.310	264	428268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1137333	79.889	ng	0.01
7) Phenol-d6	6.381	99	1416822	80.181	ng	0.00
23) Nitrobenzene-d5	7.304	82	842856	52.472	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	360834	80.153	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1499423	56.040	ng	0.00
79) Terphenyl-d14	12.839	244	1654138	62.150	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	277157	41.972	ng	97
3) Pyridine	3.222	79	694365	39.591	ng	97
4) n-Nitrosodimethylamine	3.187	42	358339	39.446	ng	94
6) Aniline	6.398	93	777272	34.153	ng	# 56
8) 2-Chlorophenol	6.522	128	684359	47.346	ng	97
9) Benzaldehyde	6.281	77	386643	52.875	ng	100
10) Phenol	6.393	94	829997	42.578	ng	75
11) bis(2-Chloroethyl)ether	6.475	93	635077	43.415	ng	99
12) 1,3-Dichlorobenzene	6.681	146	712152	46.340	ng	97
13) 1,4-Dichlorobenzene	6.751	146	722410	46.904	ng	99
14) 1,2-Dichlorobenzene	6.904	146	692712	48.784	ng	96
15) Benzyl Alcohol	6.887	79	545950	44.728	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	1045421	41.146	ng	96
17) 2-Methylphenol	7.004	107	579556	43.787	ng	97
18) Hexachloroethane	7.251	117	248612	46.428	ng	98
19) n-Nitroso-di-n-propyla...	7.163	70	447850	40.711	ng	93
20) 3+4-Methylphenols	7.157	107	658881	42.271	ng	# 82
22) Acetophenone	7.151	105	897155	44.669	ng	98
24) Nitrobenzene	7.322	77	693210	42.588	ng	99
25) Isophorone	7.563	82	1315445	43.132	ng	99
26) 2-Nitrophenol	7.639	139	390203	49.701	ng	94
27) 2,4-Dimethylphenol	7.687	122	623288	46.299	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	777451	43.090	ng	99
29) 2,4-Dichlorophenol	7.887	162	565136	46.114	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	591598	46.596	ng	99
31) Naphthalene	8.045	128	1895722	43.732	ng	99
32) Benzoic acid	7.822	122	459910m	55.308	ng	
33) 4-Chloroaniline	8.092	127	289198	16.512	ng	99
34) Hexachlorobutadiene	8.163	225	317518	45.122	ng	99
35) Caprolactam	8.475	113	200564m	48.716	ng	
36) 4-Chloro-3-methylphenol	8.581	107	614991	46.535	ng	98
37) 2-Methylnaphthalene	8.734	142	1256545	42.398	ng	98
38) 1-Methylnaphthalene	8.834	142	1188721	42.876	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	521960	43.368	ng	100
41) Hexachlorocyclopentadiene	8.892	237	671597	95.680	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	380955	45.769	ng	99

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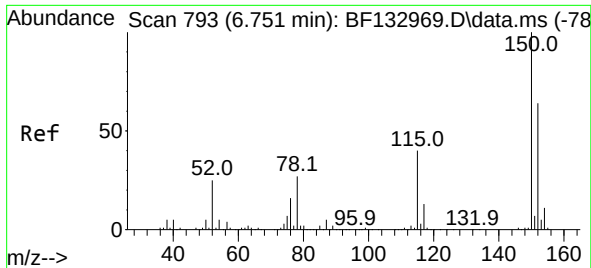
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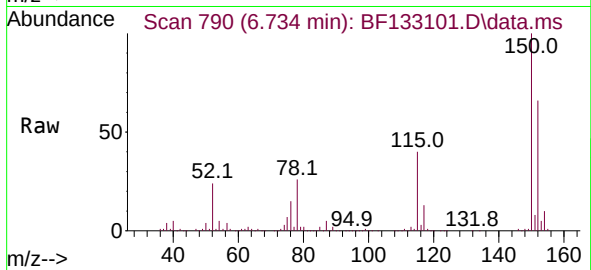
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	404189	41.988	ng	98
46) 1,1'-Biphenyl	9.198	154	1542658	43.461	ng	100
47) 2-Chloronaphthalene	9.222	162	1166374	44.895	ng	98
48) 2-Nitroaniline	9.322	65	357444	41.629	ng	94
49) Acenaphthylene	9.639	152	1774622	42.749	ng	100
50) Dimethylphthalate	9.504	163	1323192	42.393	ng	99
51) 2,6-Dinitrotoluene	9.563	165	315051	44.846	ng	91
52) Acenaphthene	9.810	154	1312294m	47.200	ng	
53) 3-Nitroaniline	9.728	138	236874	28.358	ng	99
54) 2,4-Dinitrophenol	9.839	184	356306	100.903	ng	94
55) Dibenzofuran	9.980	168	1603082	42.269	ng	98
56) 4-Nitrophenol	9.904	139	574566	88.810	ng	98
57) 2,4-Dinitrotoluene	9.969	165	409339	45.690	ng	87
58) Fluorene	10.328	166	1161539	41.803	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	333072	44.630	ng	97
60) Diethylphthalate	10.204	149	1241604	42.114	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	567776	41.931	ng	97
62) 4-Nitroaniline	10.351	138	352816	45.956	ng	95
63) Azobenzene	10.475	77	1308897	41.909	ng	98
65) 4,6-Dinitro-2-methylph...	10.375	198	239436	51.303	ng	90
66) n-Nitrosodiphenylamine	10.439	169	1062921	42.556	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	364506	43.648	ng	97
68) Hexachlorobenzene	10.869	284	399508	46.687	ng	95
69) Atrazine	10.969	200	363715	50.538	ng	98
70) Pentachlorophenol	11.069	266	476088	78.119	ng	96
71) Phenanthrene	11.280	178	1742707	42.110	ng	99
72) Anthracene	11.333	178	1788250	42.223	ng	99
73) Carbazole	11.486	167	1628304	43.177	ng	99
74) Di-n-butylphthalate	11.822	149	1909100	44.733	ng	99
75) Fluoranthene	12.469	202	1741404	41.927	ng	96
77) Benzidine	12.592	184	1038802	133.825	ng	# 92
78) Pyrene	12.698	202	1780562	45.250	ng	100
80) Butylbenzylphthalate	13.316	149	765155	54.918	ng	94
81) Benzo(a)anthracene	13.880	228	1361922	43.145	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	322721	37.009	ng	98
83) Chrysene	13.921	228	1352808	42.867	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	915672	52.360	ng	99
85) Di-n-octyl phthalate	14.492	149	1626435	57.038	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1272094	52.219	ng	100
88) Benzo(b)fluoranthene	14.904	252	1285867	47.195	ng	98
89) Benzo(k)fluoranthene	14.939	252	1127361	41.741	ng	99
90) Benzo(a)pyrene	15.251	252	1025417	41.348	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1062638	52.300	ng	99
92) Benzo(g,h,i)perylene	17.109	276	1066351	53.160	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF133101.D
 Acq: 27 Apr 2023 15:51

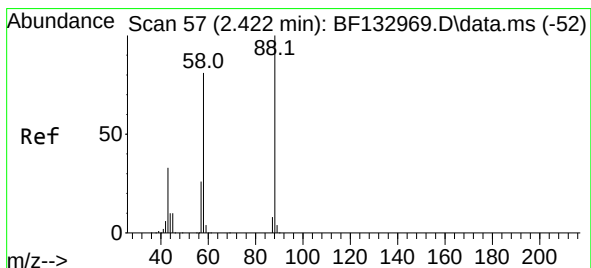
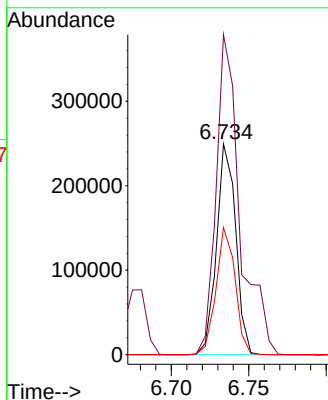
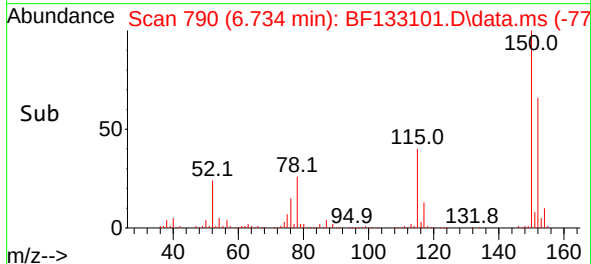
Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-01MS



Tgt Ion: 152 Resp: 215050
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.8 187.2
 115 60.4 49.9 74.9

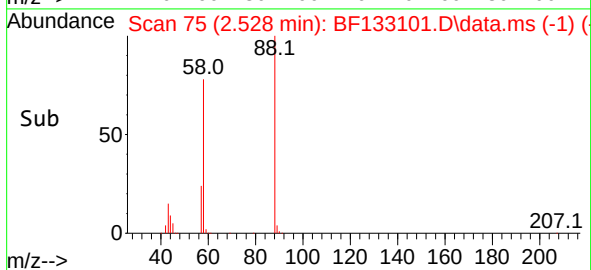
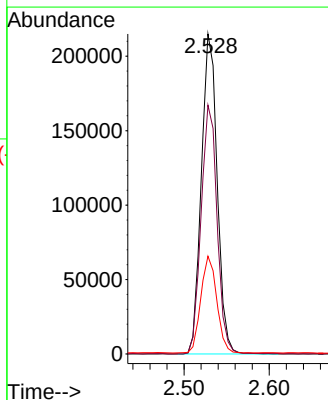
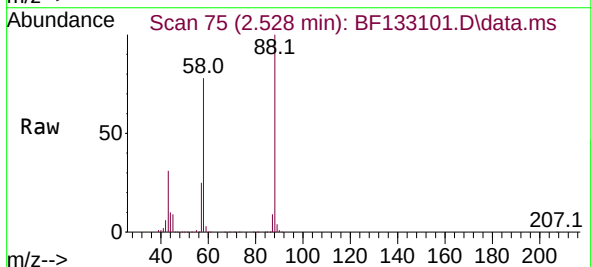
Manual Integrations
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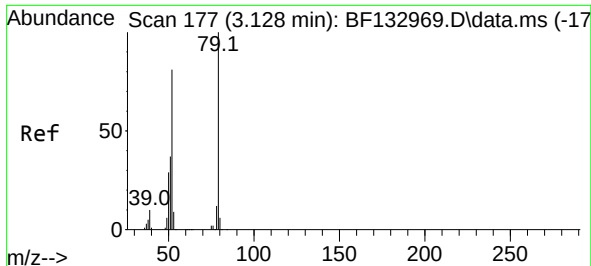
Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023



#2
 1,4-Dioxane
 Concen: 41.972 ng
 RT: 2.528 min Scan# 75
 Delta R.T. 0.135 min
 Lab File: BF133101.D
 Acq: 27 Apr 2023 15:51

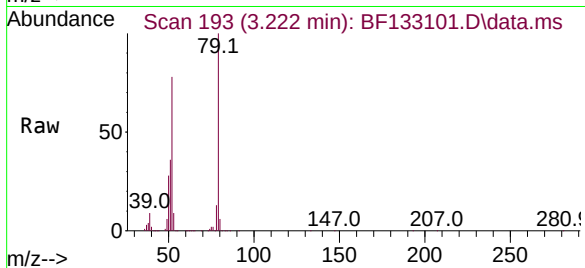
Tgt Ion: 88 Resp: 277157
 Ion Ratio Lower Upper
 88 100
 58 78.9 64.7 97.1
 43 30.5 26.2 39.2





#3
Pyridine
Concen: 39.591 ng
RT: 3.222 min Scan# 193
Delta R.T. 0.129 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

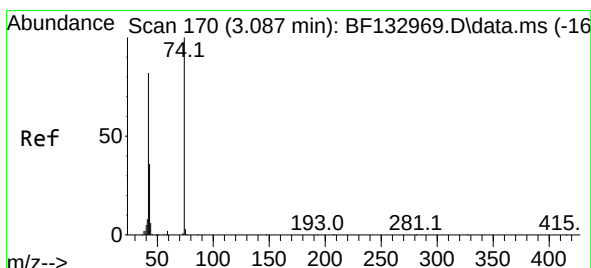
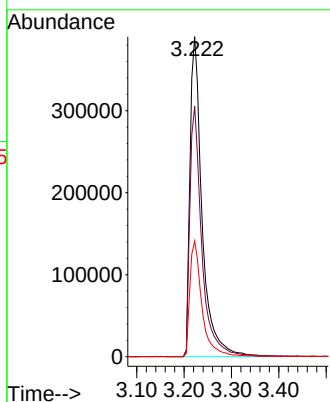
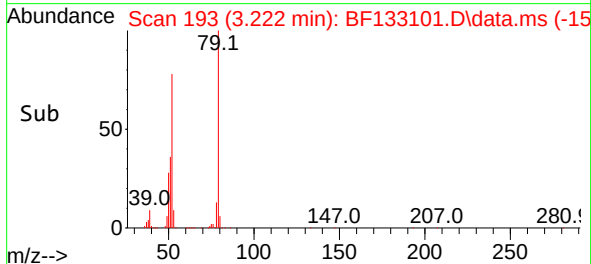
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



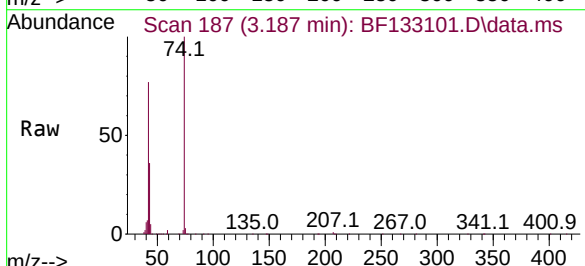
Tgt Ion: 79 Resp: 69436
Ion Ratio Lower Upper
79 100
52 78.3 64.6 96.8
51 36.2 30.0 45.0

Manual Integrations
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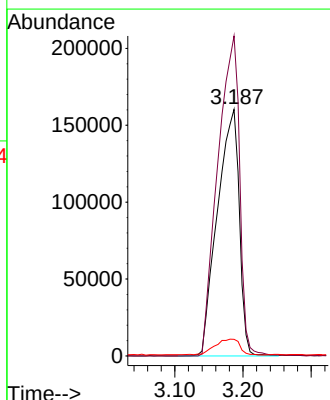
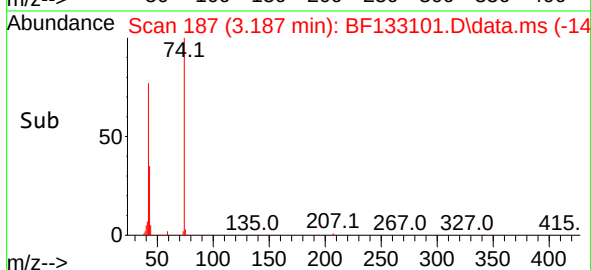
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

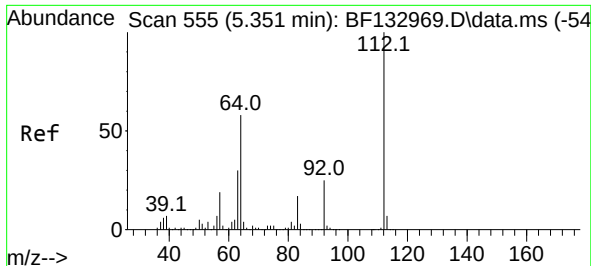


#4
n-Nitrosodimethylamine
Concen: 39.446 ng
RT: 3.187 min Scan# 187
Delta R.T. 0.135 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



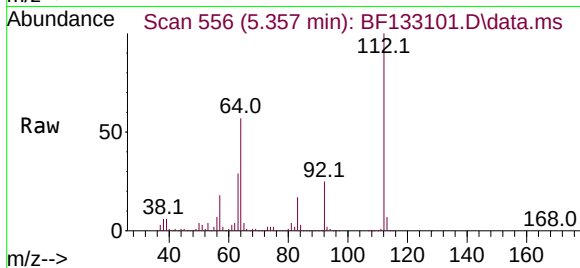
Tgt Ion: 42 Resp: 358339
Ion Ratio Lower Upper
42 100
74 129.8 98.0 147.0
44 6.7 5.8 8.8





#5
2-Fluorophenol
Concen: 79.889 ng
RT: 5.357 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

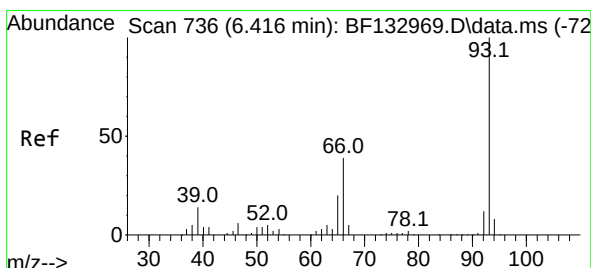
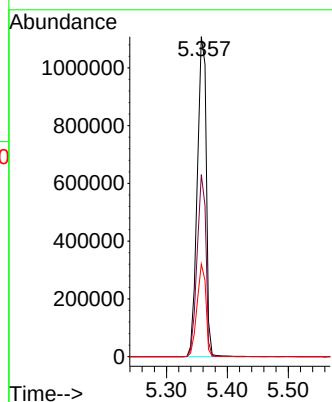
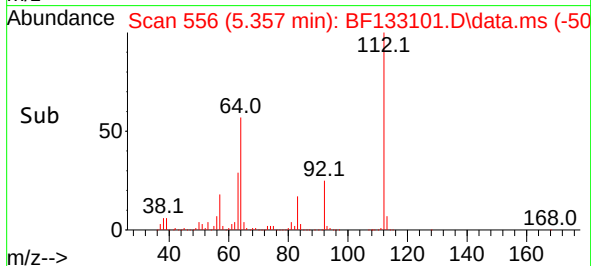
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Tgt Ion: 112 Resp: 113733
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.0 23.8 35.8

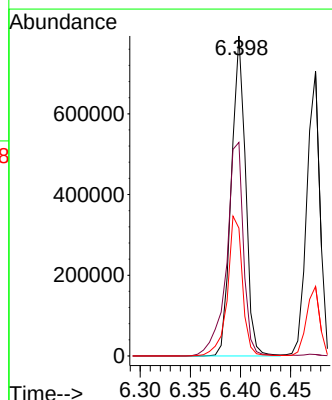
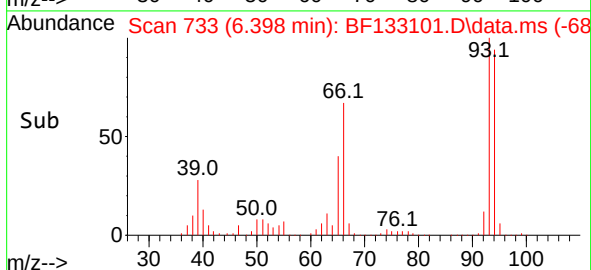
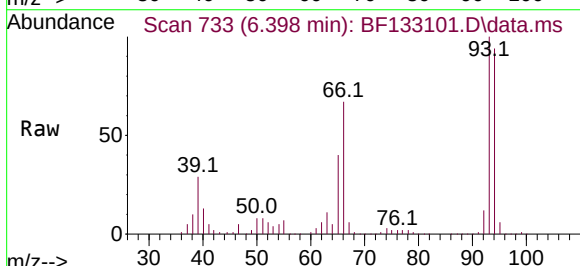
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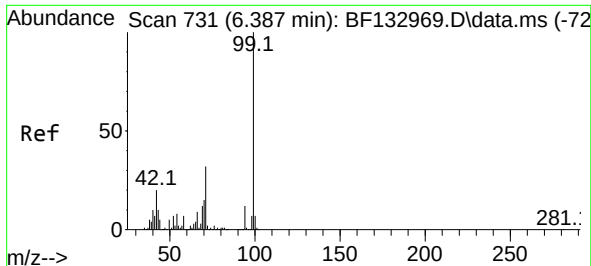
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#6
Aniline
Concen: 34.153 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

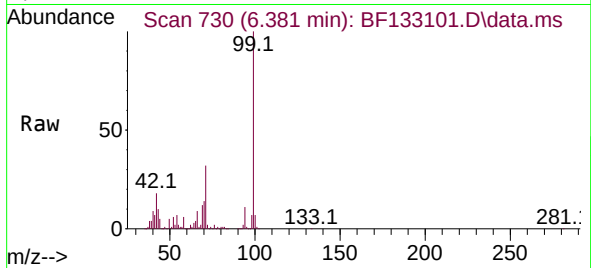
Tgt Ion: 93 Resp: 777272
Ion Ratio Lower Upper
93 100
66 66.8 31.5 47.3#
65 40.0 16.4 24.6#





#7
Phenol-d6
Concen: 80.181 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

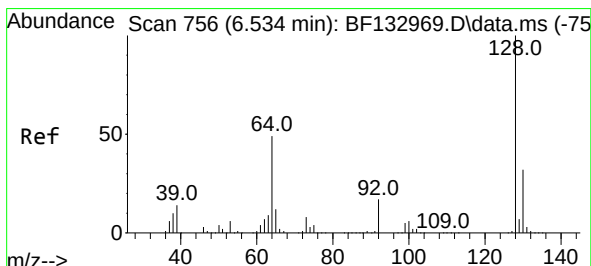
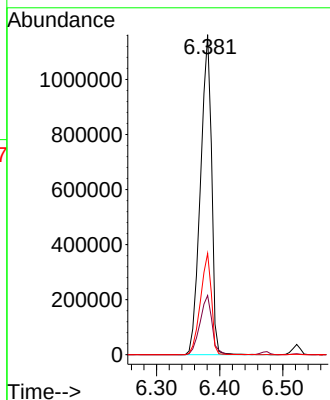
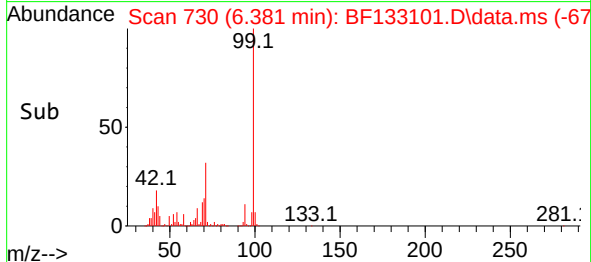
Instrument :
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Tgt Ion: 99 Resp: 141682
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 31.6 25.6 38.4

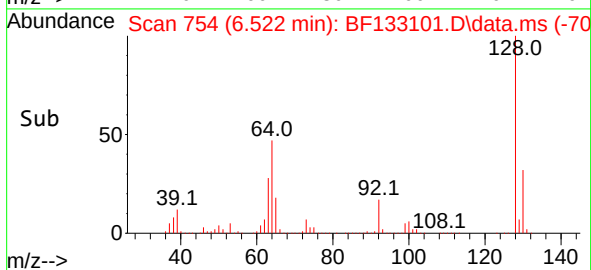
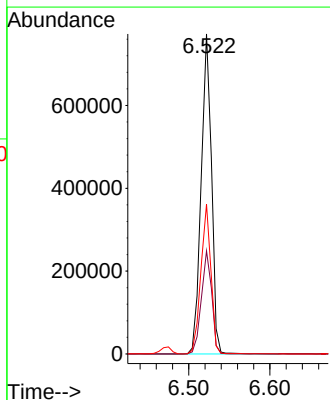
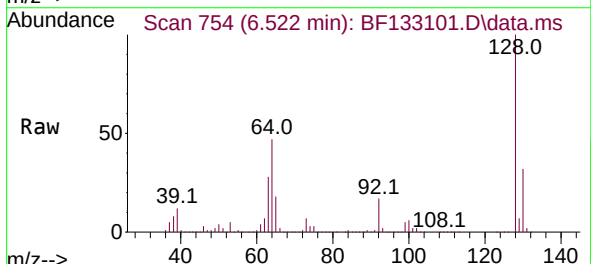
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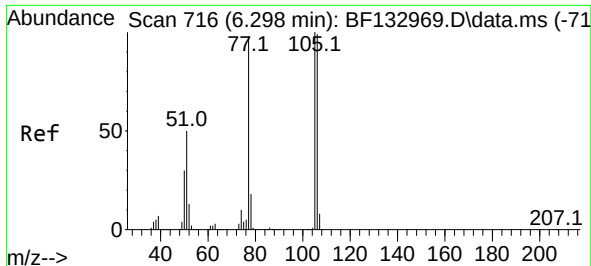
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#8
2-Chlorophenol
Concen: 47.346 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

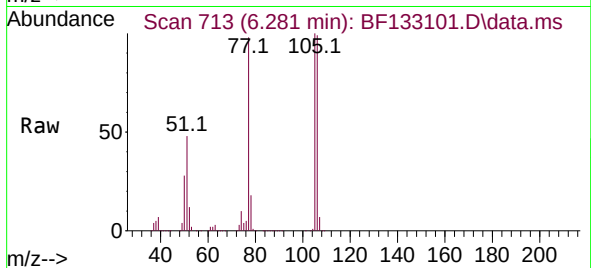
Tgt Ion:128 Resp: 684359
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 46.8 30.3 70.3





#9
Benzaldehyde
Concen: 52.875 ng
RT: 6.281 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

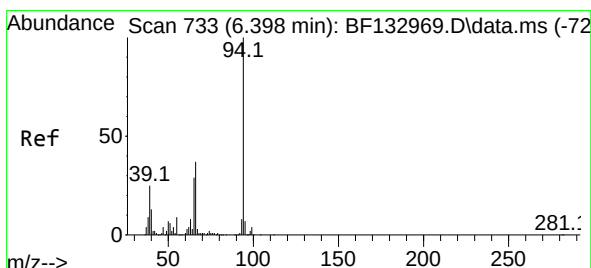
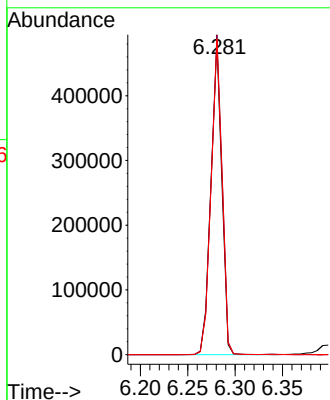
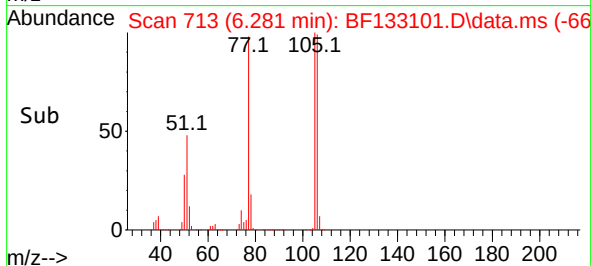
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion: 77 Resp: 38664
Ion Ratio Lower Upper
77 100
105 102.3 82.3 122.3
106 100.9 80.8 120.8

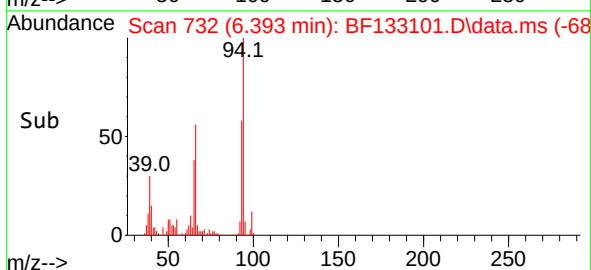
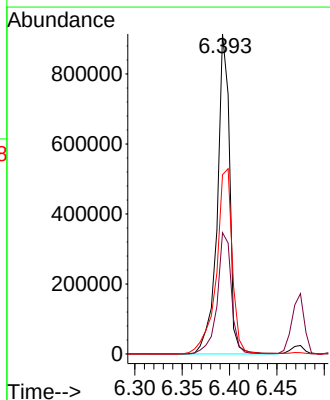
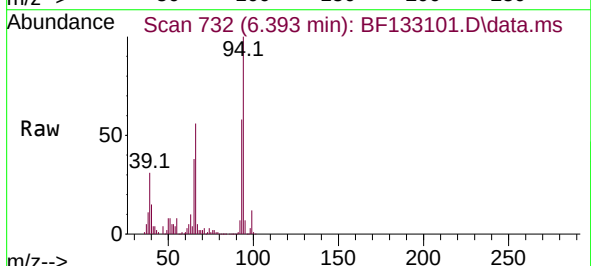
Manual Integrations
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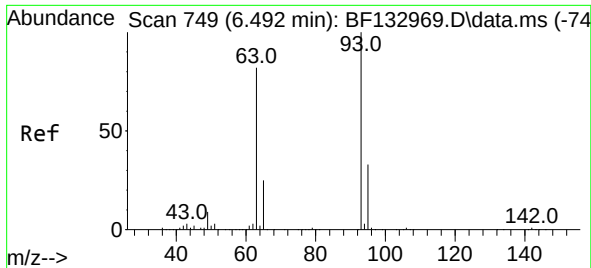
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Phenol
Concen: 42.578 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Tgt Ion: 94 Resp: 829997
Ion Ratio Lower Upper
94 100
65 37.9 8.6 48.6
66 56.0 17.3 57.3





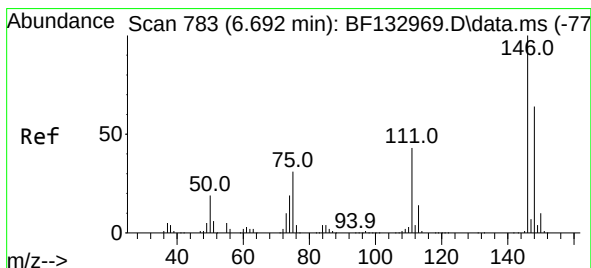
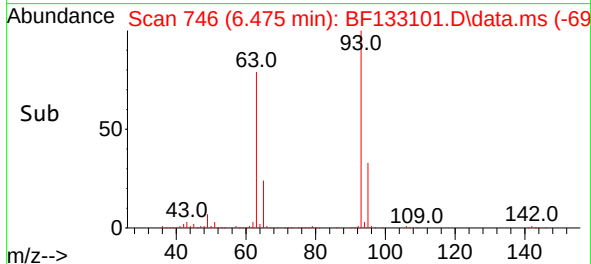
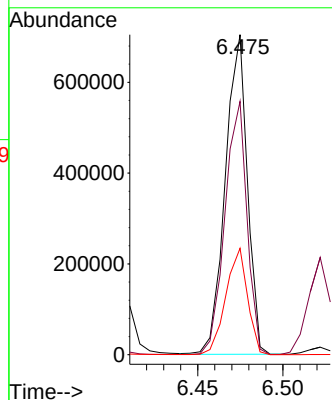
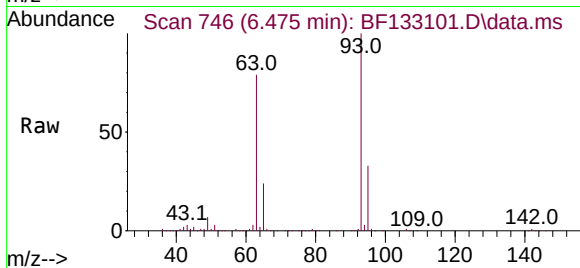
#11
bis(2-Chloroethyl)ether
Concen: 43.415 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS

Tgt Ion: 93 Resp: 63507
Ion Ratio Lower Upper
93 100
63 79.2 60.6 100.6
95 33.3 12.9 52.9

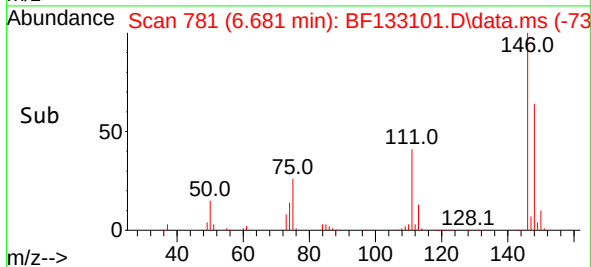
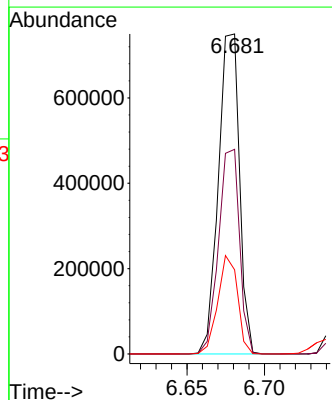
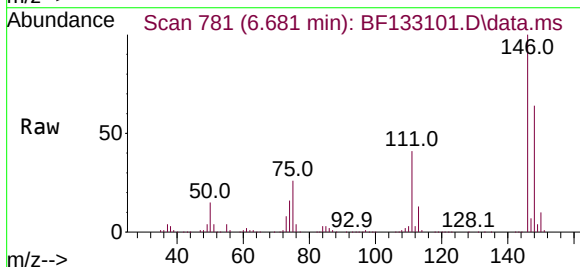
Manual Integrations
APPROVED

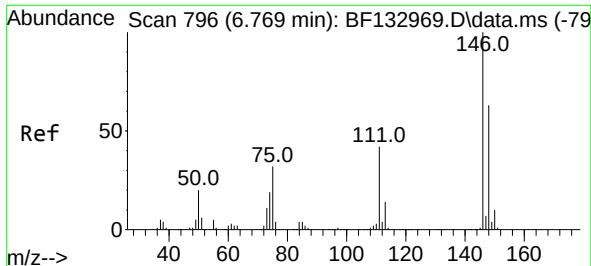
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#12
1,3-Dichlorobenzene
Concen: 46.340 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Tgt Ion:146 Resp: 712152
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 26.3 24.8 37.2





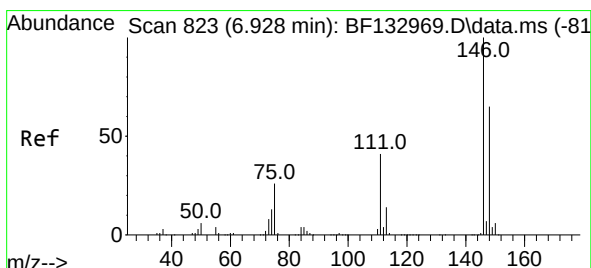
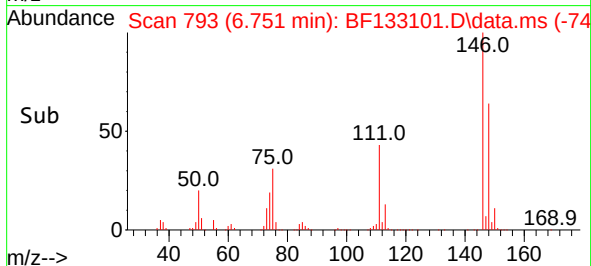
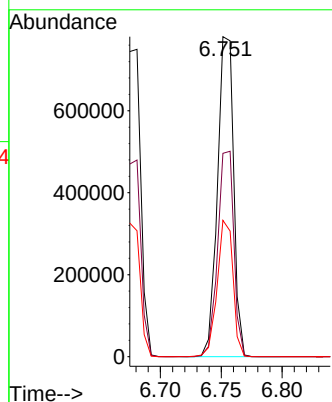
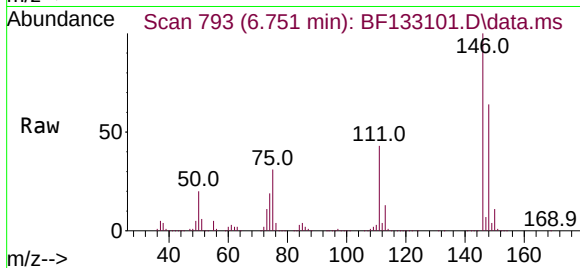
#13
1,4-Dichlorobenzene
Concen: 46.904 ng
RT: 6.751 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS

Tgt Ion:146 Resp: 722410
Ion Ratio Lower Upper
146 100
148 63.5 50.3 75.5
111 42.6 33.8 50.6

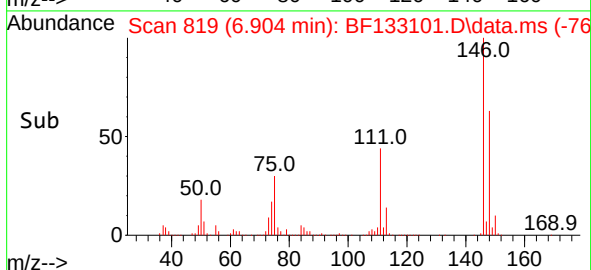
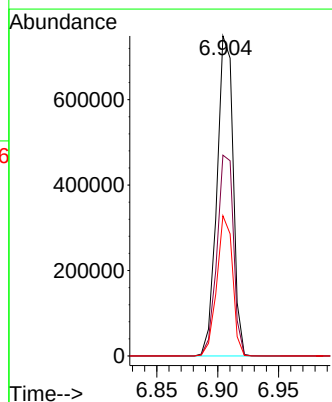
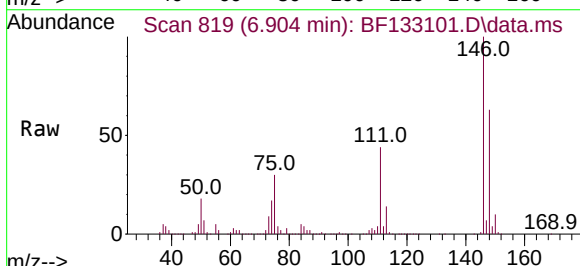
Manual Integrations
APPROVED

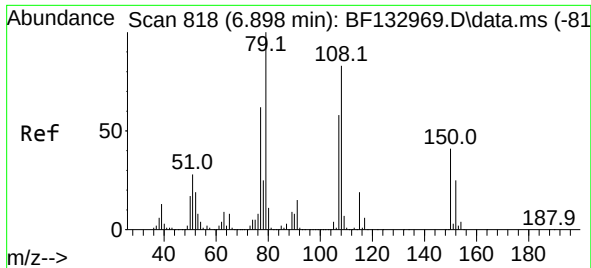
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#14
1,2-Dichlorobenzene
Concen: 48.784 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

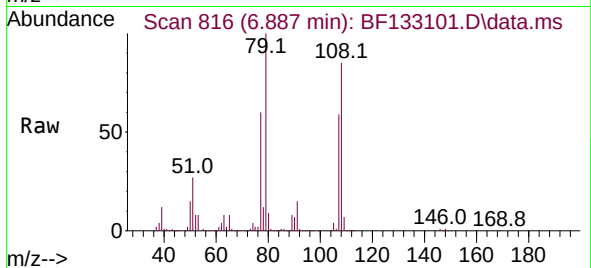
Tgt Ion:146 Resp: 692712
Ion Ratio Lower Upper
146 100
148 62.8 52.2 78.2
111 43.8 32.8 49.2





#15
Benzyl Alcohol
Concen: 44.728 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

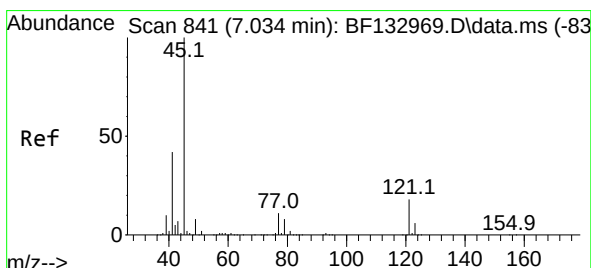
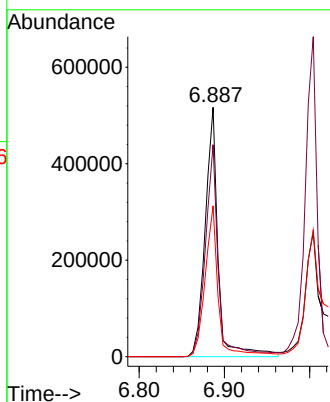
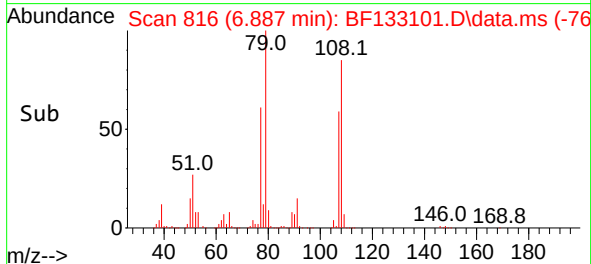
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



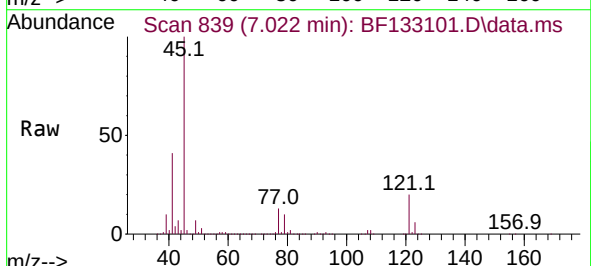
Tgt Ion: 79 Resp: 545950
Ion Ratio Lower Upper
79 100
108 85.0 66.6 99.8
77 60.5 49.2 73.8

Manual Integrations
APPROVED

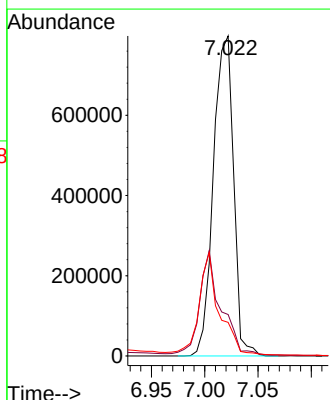
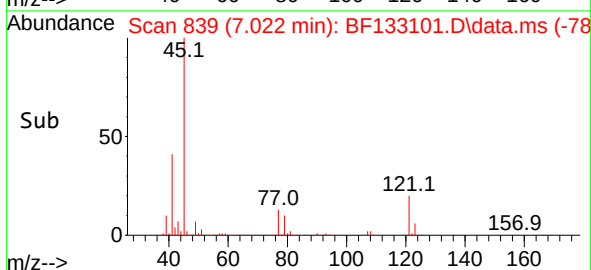
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

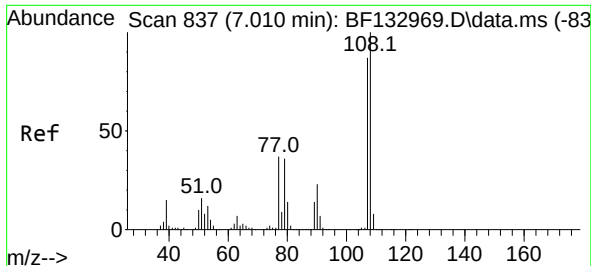


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.146 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



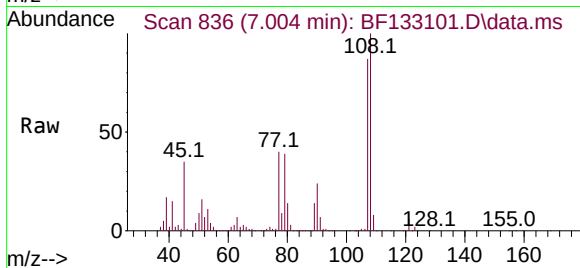
Tgt Ion: 45 Resp: 1045421
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 10.5 0.0 28.7





#17
2-Methylphenol
Concen: 43.787 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

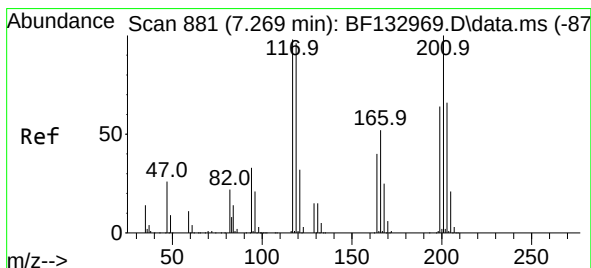
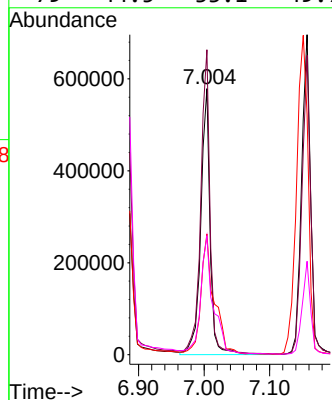
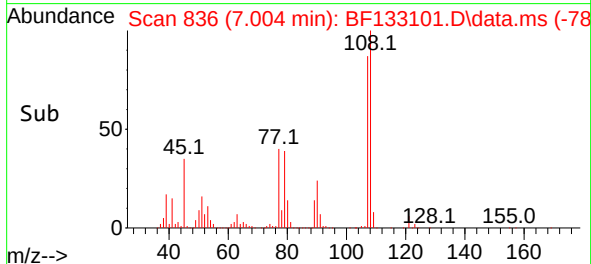
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:	107	Resp:	57955
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.4	138.6
77	45.4	33.8	50.8
79	44.5	33.1	49.7

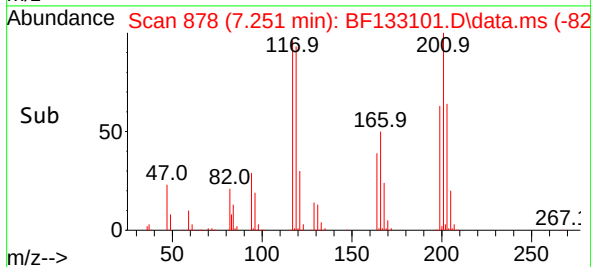
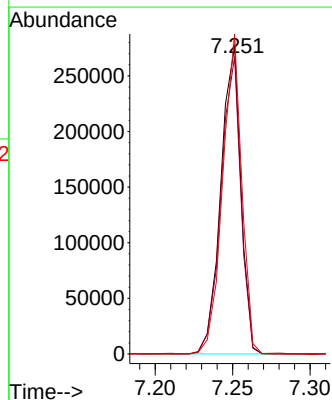
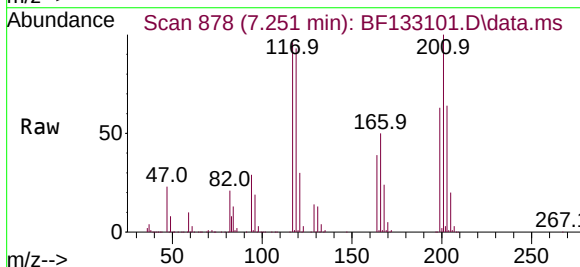
Manual Integrations
APPROVED

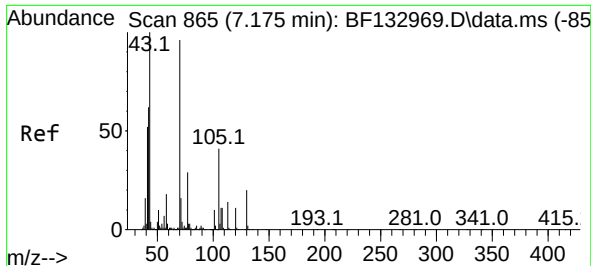
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#18
Hexachloroethane
Concen: 46.428 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Tgt Ion:	117	Resp:	248612
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.2	117.4
201	104.2	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.711 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF133101.D

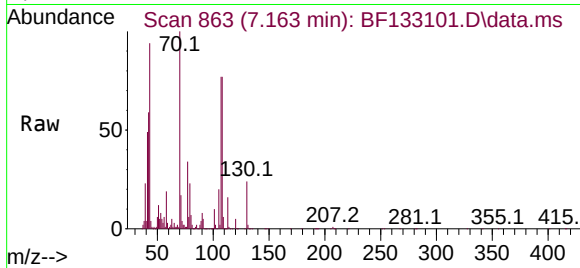
Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-01MS



Tgt Ion: 70 Resp: 447850

Ion Ratio Lower Upper

70 100

42 58.7 51.8 77.6

101 10.1 8.0 12.0

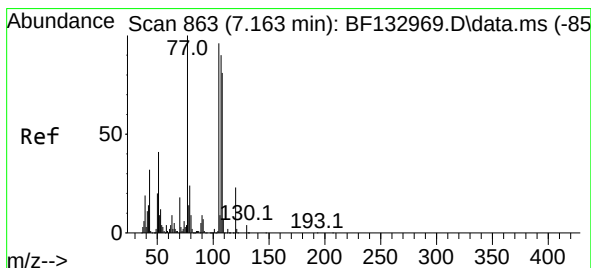
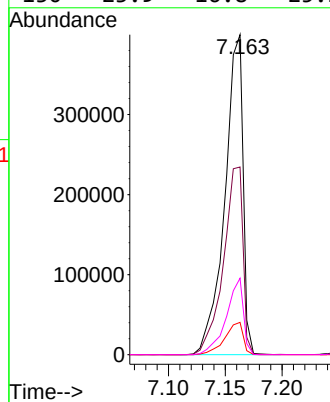
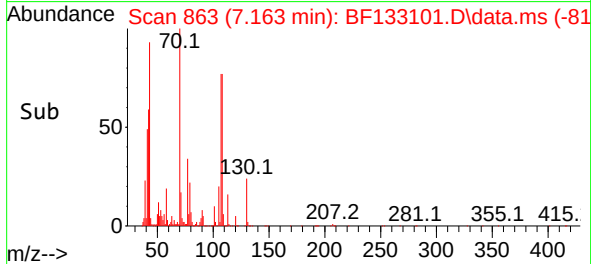
130 23.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#20

3+4-Methylphenols

Concen: 42.271 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

Tgt Ion:107 Resp: 658881

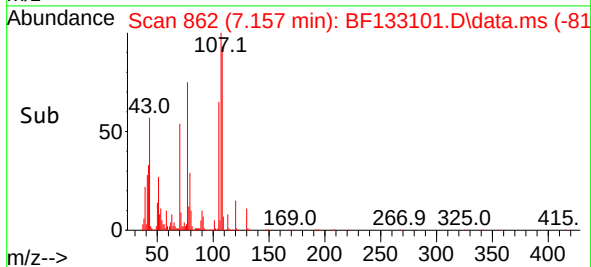
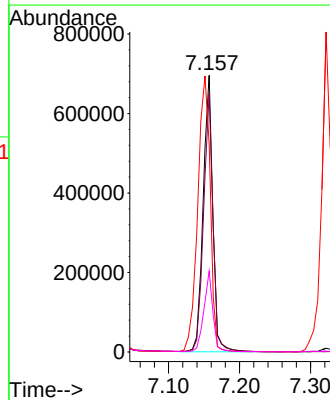
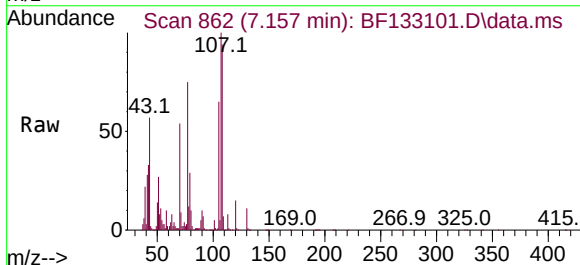
Ion Ratio Lower Upper

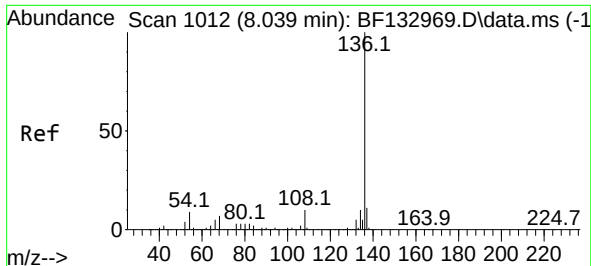
107 100

108 93.5 70.5 110.5

77 75.2 91.7 131.7#

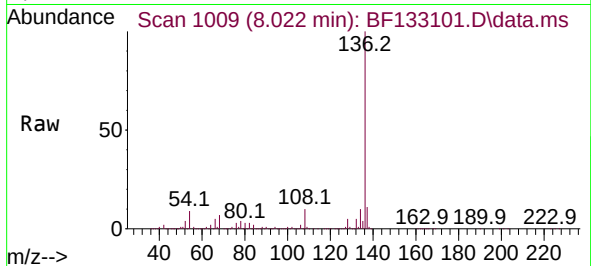
79 29.2 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

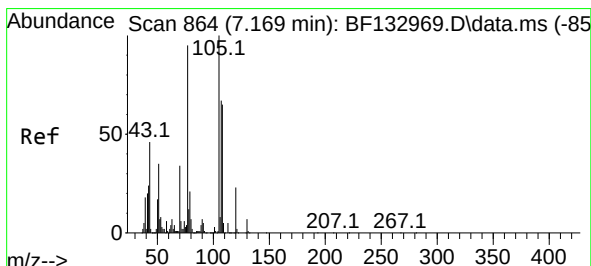
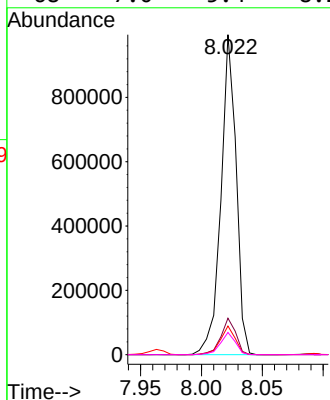
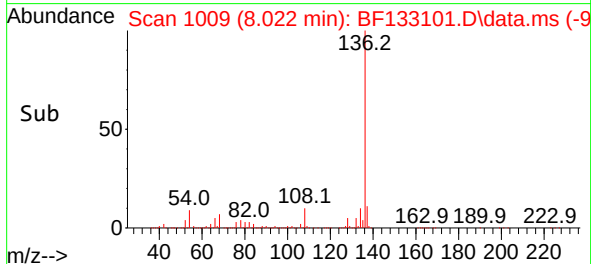
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:136 Resp: 867033
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.0 7.0 10.4
68 7.0 5.4 8.2

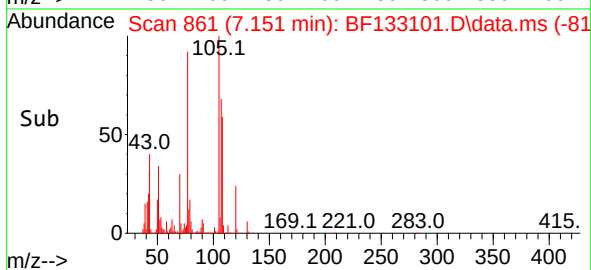
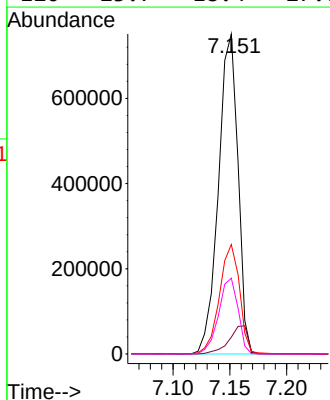
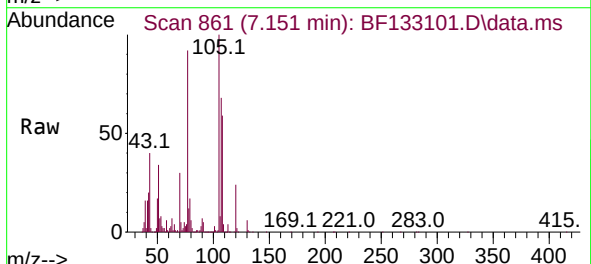
Manual Integrations
APPROVED

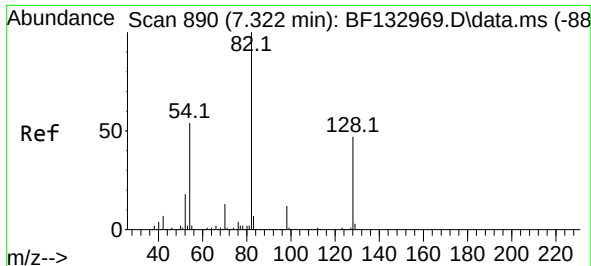
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Acetophenone
Concen: 44.669 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

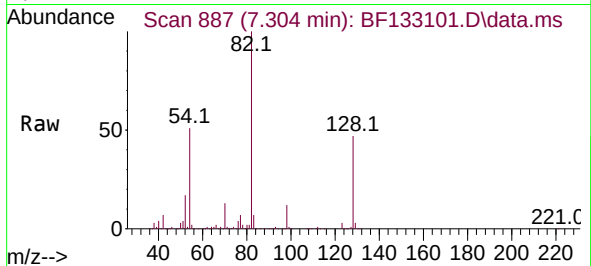
Tgt Ion:105 Resp: 897155
Ion Ratio Lower Upper
105 100
71 5.3 4.6 7.0
51 34.2 28.2 42.2
120 23.7 18.4 27.6





#23
Nitrobenzene-d5
Concen: 52.472 ng
RT: 7.304 min Scan# 842850
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

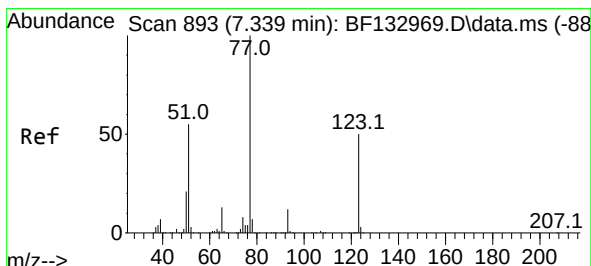
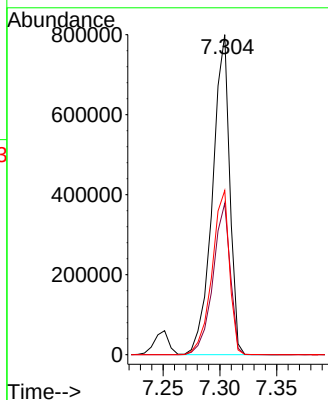
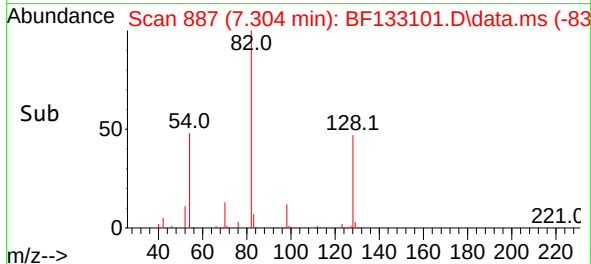
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion: 82 Resp: 842850
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 51.3 43.0 64.4

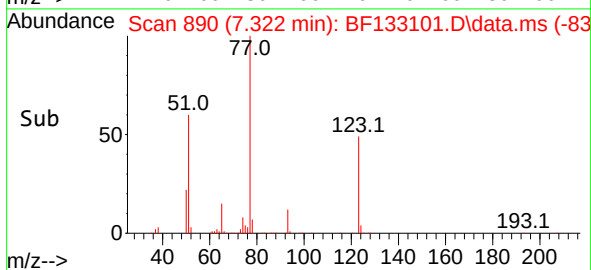
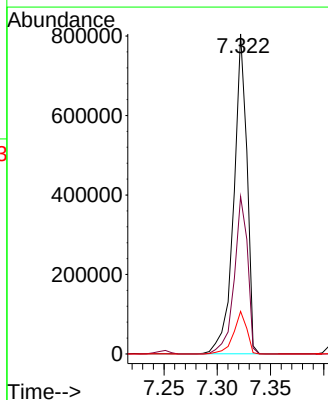
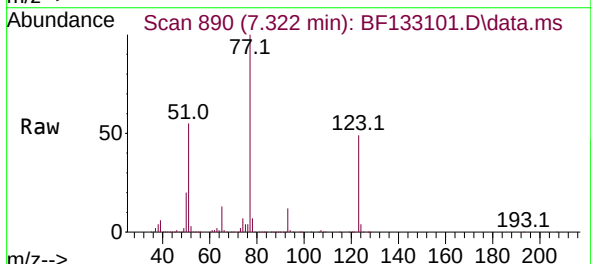
Manual Integrations
APPROVED

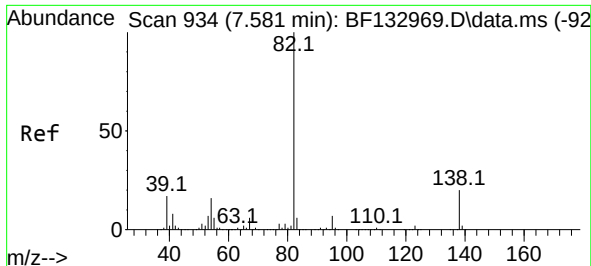
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#24
Nitrobenzene
Concen: 42.588 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

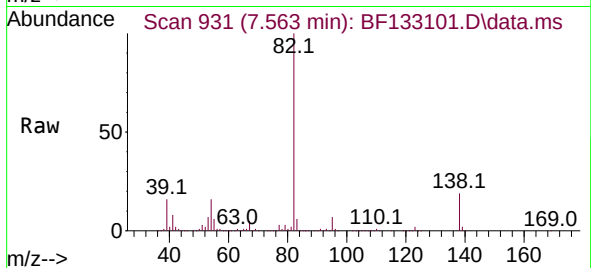
Tgt Ion: 77 Resp: 693210
Ion Ratio Lower Upper
77 100
123 49.2 39.9 59.9
65 13.3 10.7 16.1





#25
Isophorone
Concen: 43.132 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

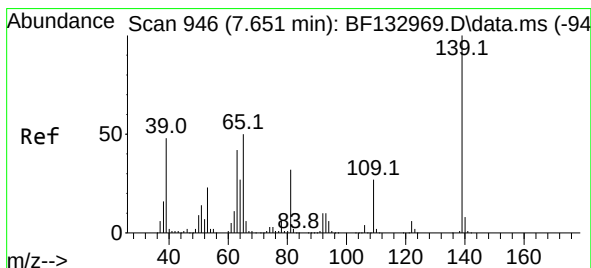
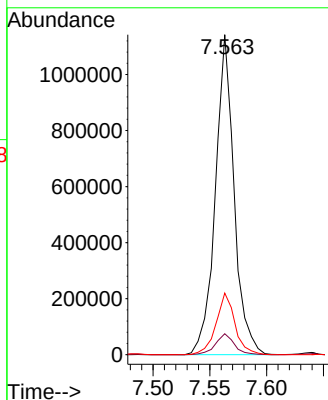
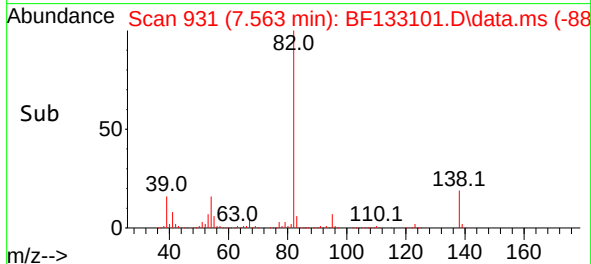
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion: 82 Resp: 131544
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.2 16.0 24.0

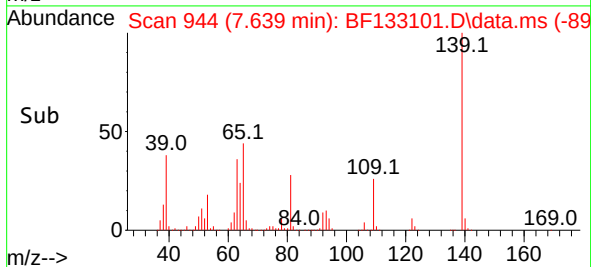
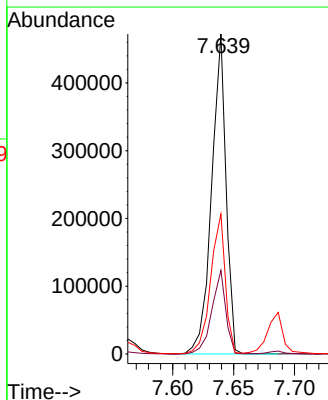
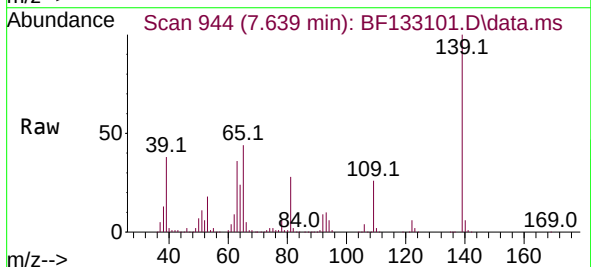
Manual Integrations
APPROVED

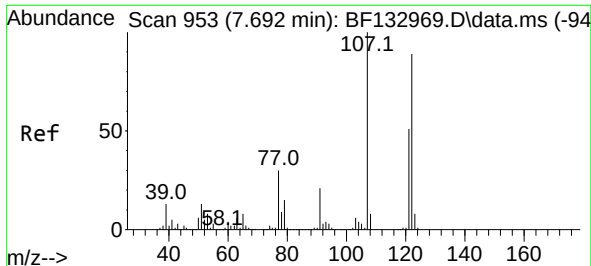
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#26
2-Nitrophenol
Concen: 49.701 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Tgt Ion:139 Resp: 390203
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 43.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 46.299 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-01MS

Tgt Ion:122 Resp: 62328

Ion Ratio Lower Upper

122 100

107 110.6 89.7 134.5

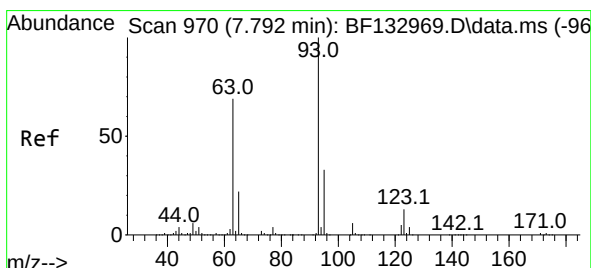
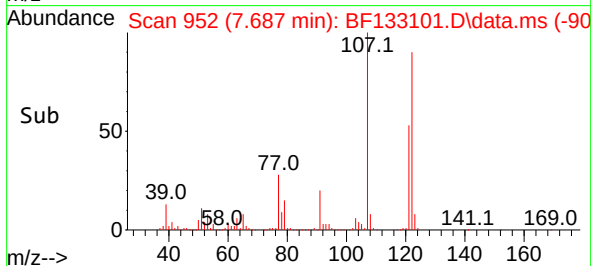
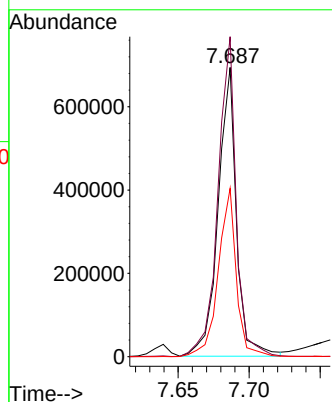
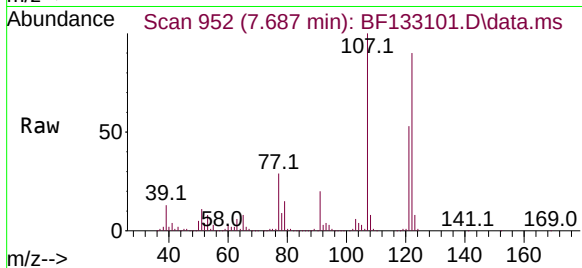
121 58.2 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.090 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

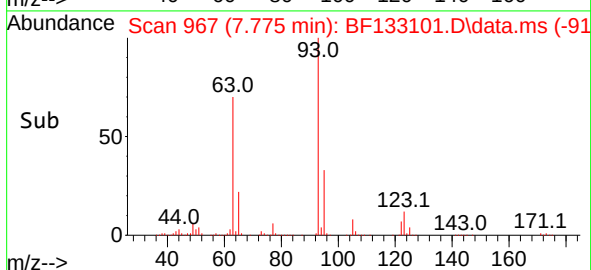
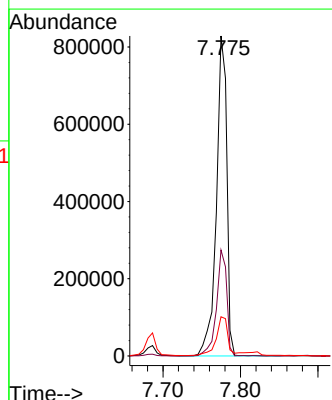
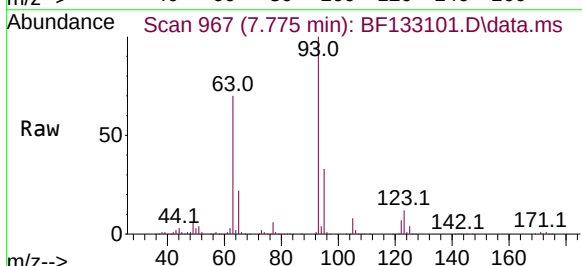
Tgt Ion: 93 Resp: 777451

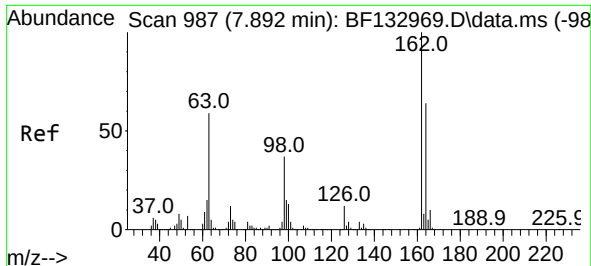
Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.114 ng

RT: 7.887 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

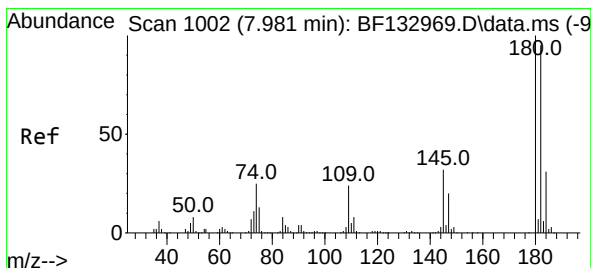
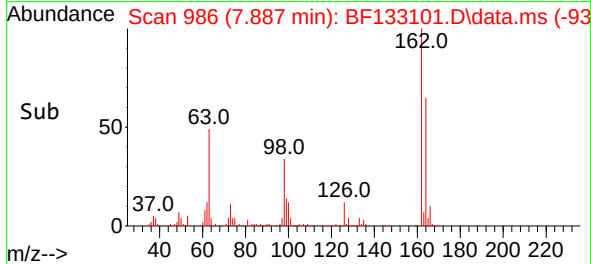
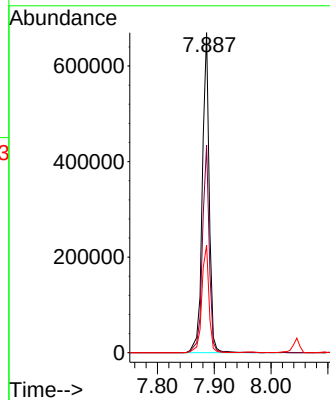
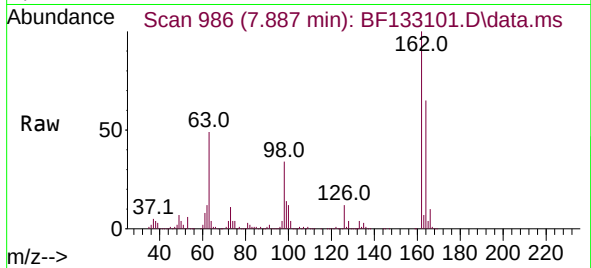
BU-512-COMP-01MS

Tgt Ion:162 Resp: 565130
 Ion Ratio Lower Upper
 162 100
 164 64.8 43.9 83.9
 98 33.6 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.596 ng

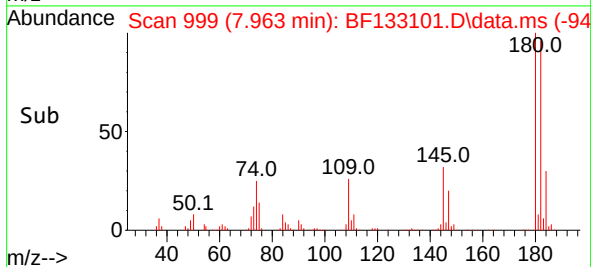
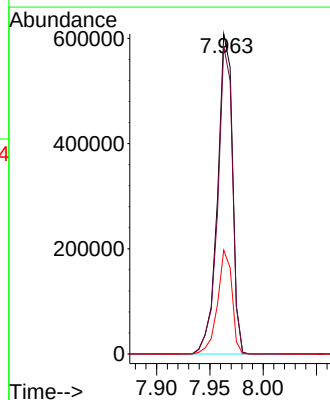
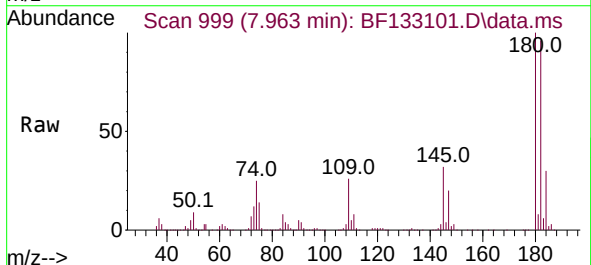
RT: 7.963 min Scan# 999

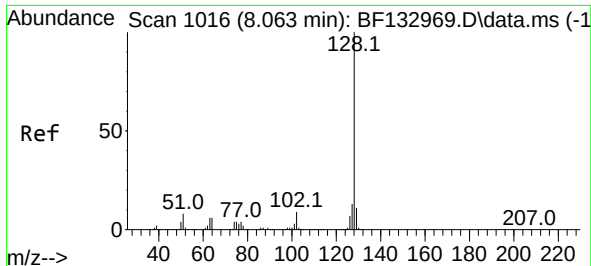
Delta R.T. -0.006 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

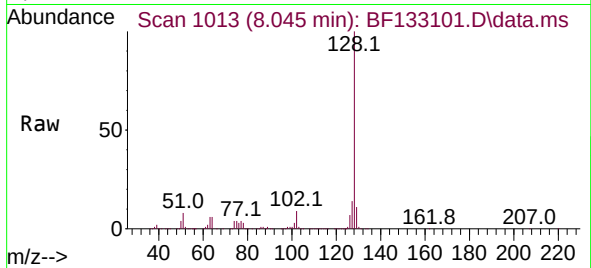
Tgt Ion:180 Resp: 591598
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.9 113.9
 145 32.5 25.3 37.9





#31
Naphthalene
Concen: 43.732 ng
RT: 8.045 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

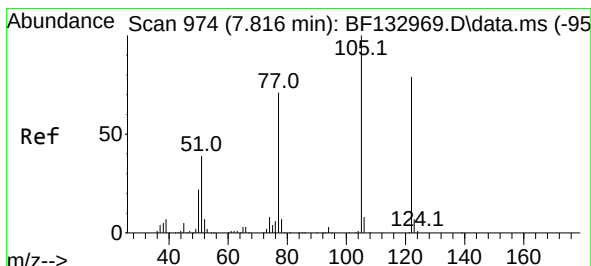
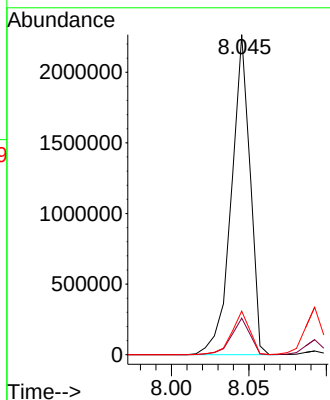
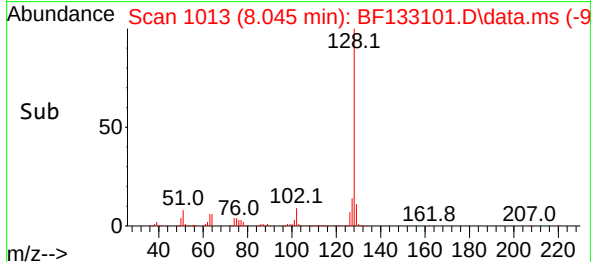
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:128 Resp: 189572
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.7 16.1

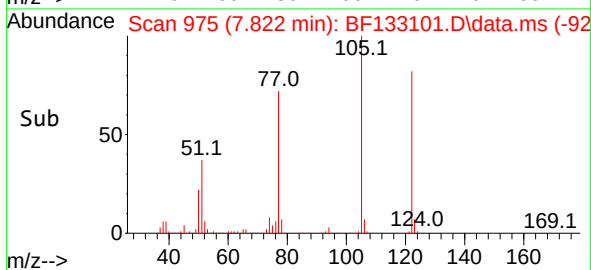
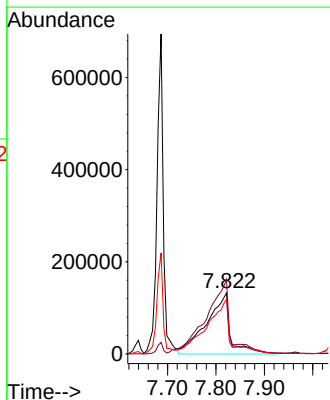
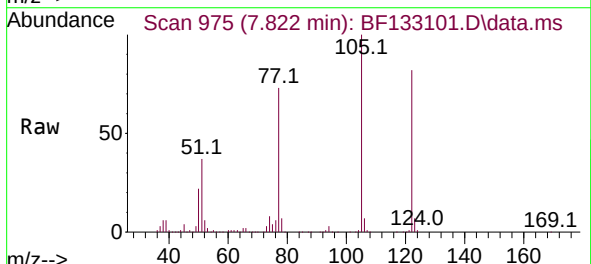
Manual Integrations
APPROVED

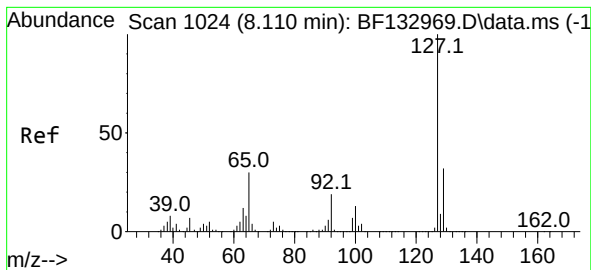
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#32
Benzoic acid
Concen: 55.308 ng m
RT: 7.822 min Scan# 975
Delta R.T. 0.023 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

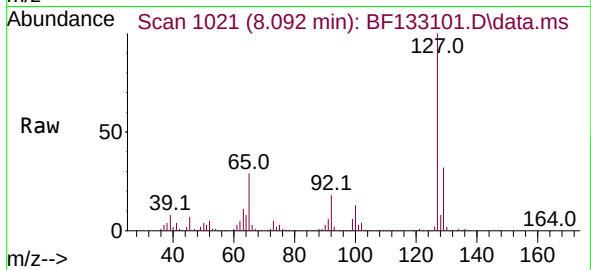
Tgt Ion:122 Resp: 459910
Ion Ratio Lower Upper
122 100
105 122.4 104.2 144.2
77 89.5 69.7 109.7





#33
4-Chloroaniline
Concen: 16.512 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

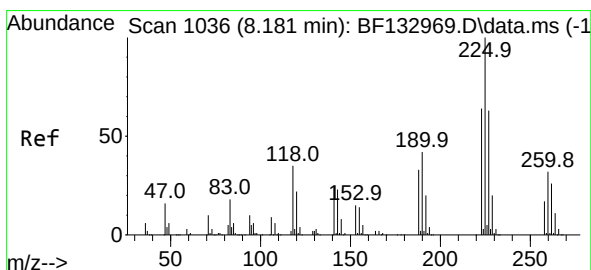
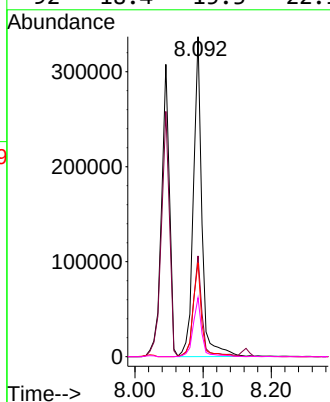
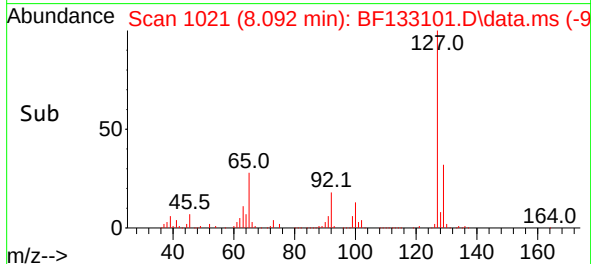
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:127 Resp: 289198
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.8
65 29.3 23.6 35.4
92 18.4 15.3 22.9

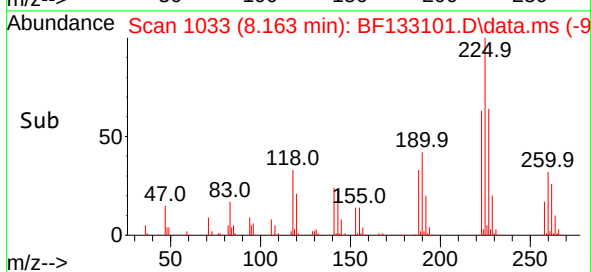
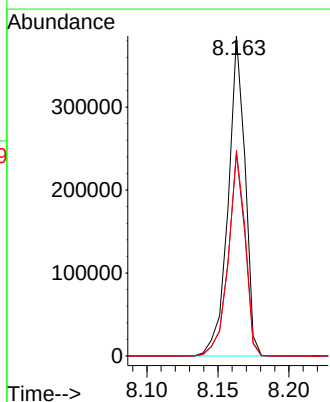
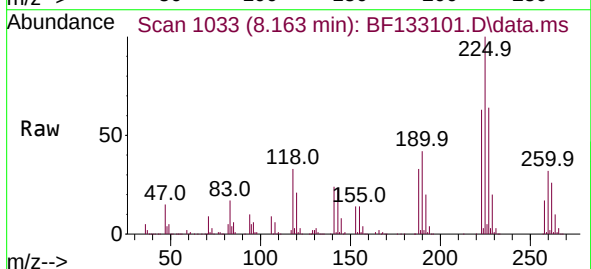
Manual Integrations
APPROVED

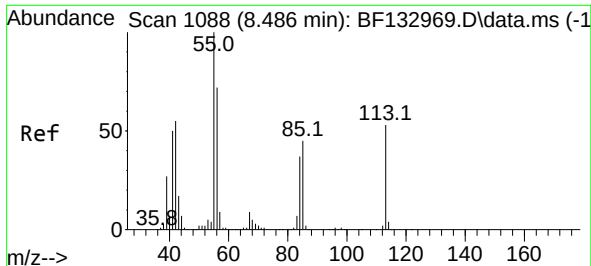
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#34
Hexachlorobutadiene
Concen: 45.122 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

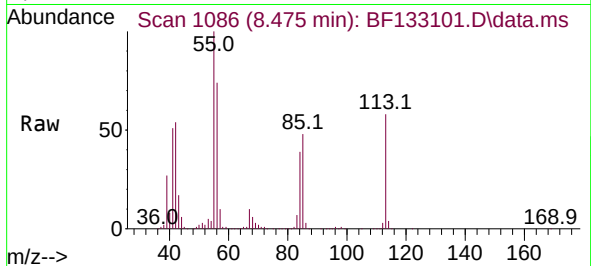
Tgt Ion:225 Resp: 317518
Ion Ratio Lower Upper
225 100
223 63.3 50.9 76.3
227 64.3 50.3 75.5





#35
 Caprolactam
 Concen: 48.716 ng m
 RT: 8.475 min Scan# 1086
 Delta R.T. 0.006 min
 Lab File: BF133101.D
 Acq: 27 Apr 2023 15:51

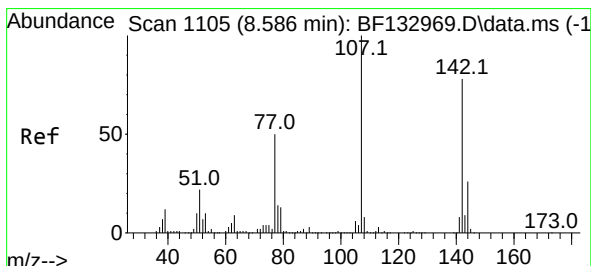
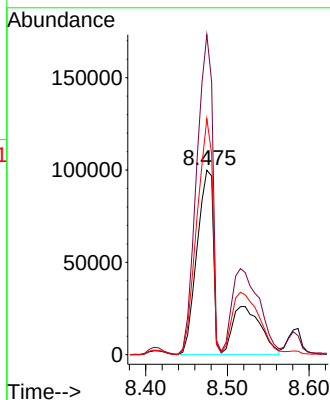
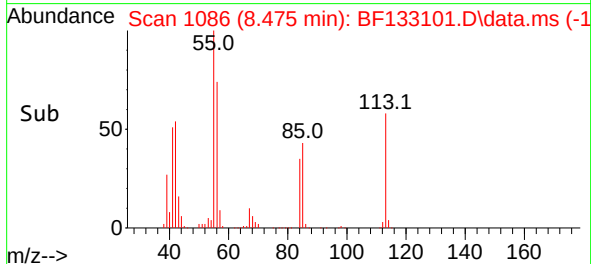
Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-01MS



Tgt Ion:113 Resp: 200564
 Ion Ratio Lower Upper
 113 100
 55 173.4 167.1 207.1
 56 127.9 114.5 154.5

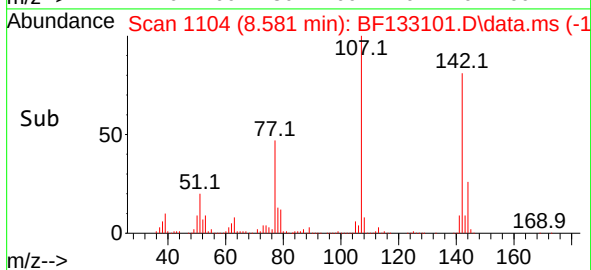
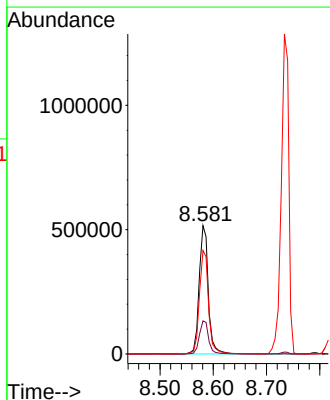
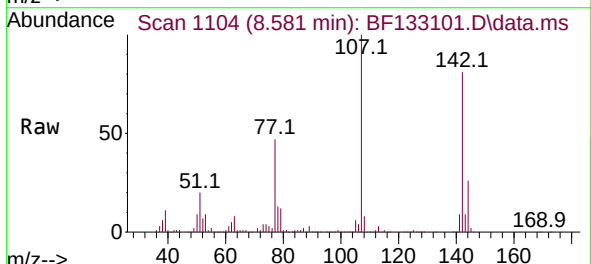
Manual Integrations
 APPROVED

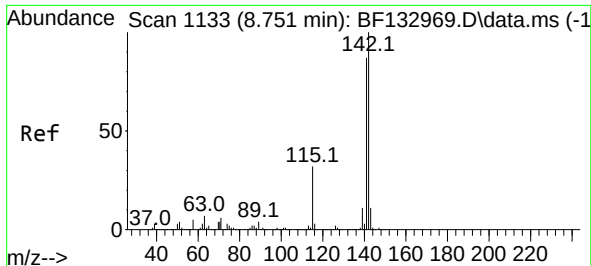
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.535 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: BF133101.D
 Acq: 27 Apr 2023 15:51

Tgt Ion:107 Resp: 614991
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.6 30.8
 142 80.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.398 ng

RT: 8.734 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-01MS

Tgt Ion:142 Resp: 125654

Ion Ratio Lower Upper

142 100

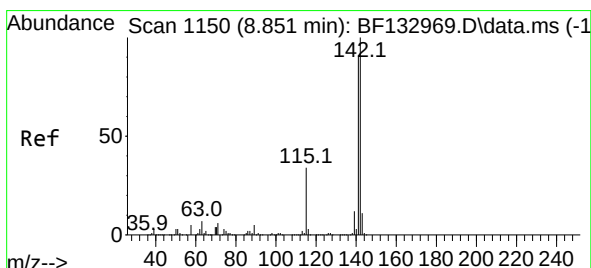
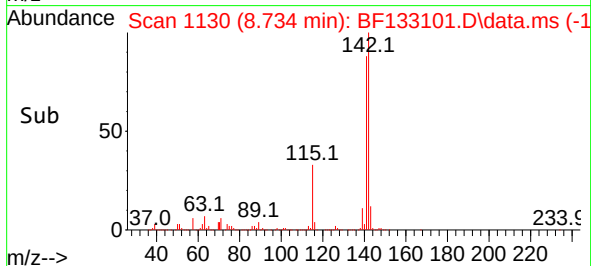
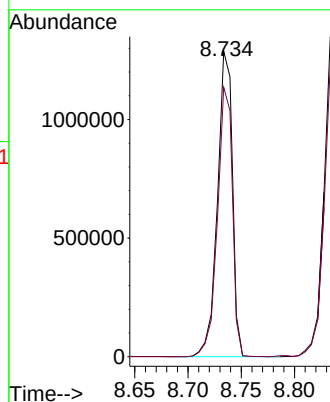
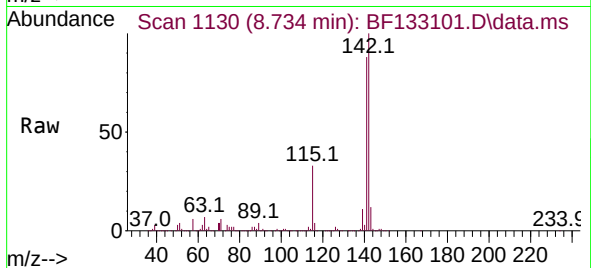
141 88.2 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#38

1-Methylnaphthalene

Concen: 42.876 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF133101.D

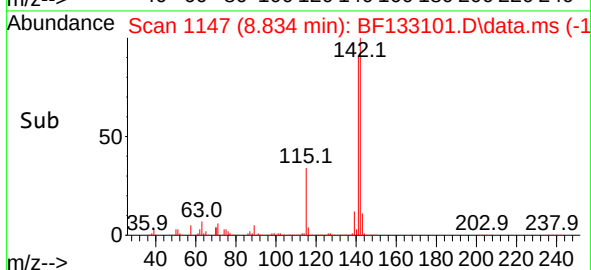
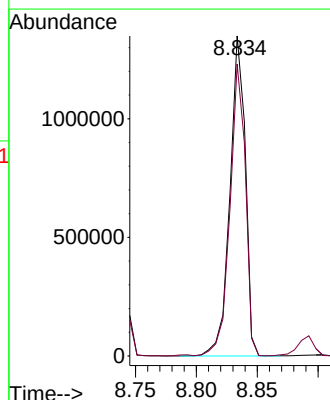
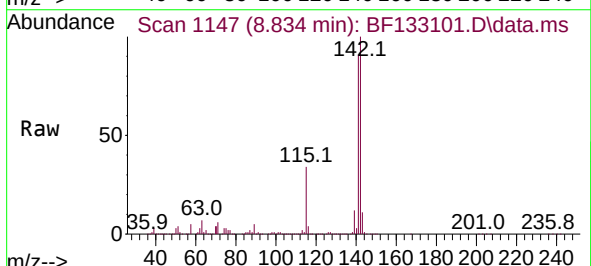
Acq: 27 Apr 2023 15:51

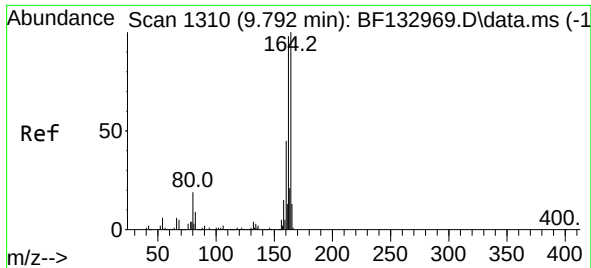
Tgt Ion:142 Resp: 1188721

Ion Ratio Lower Upper

142 100

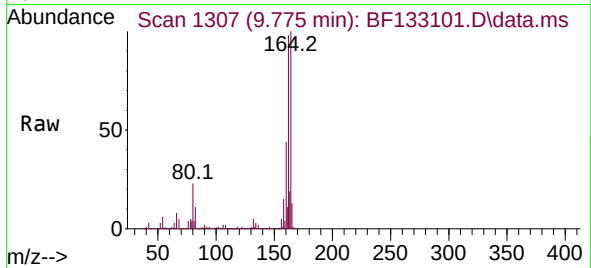
141 91.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

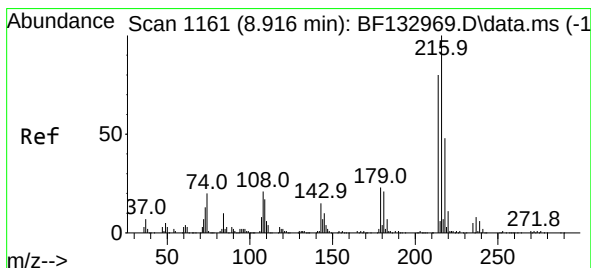
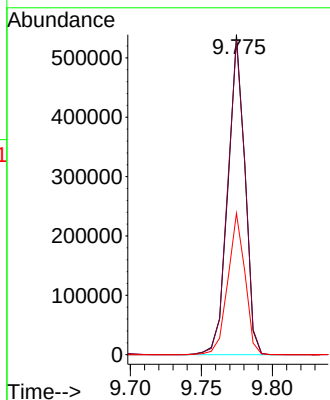
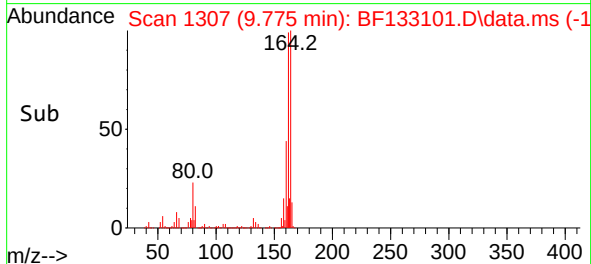
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



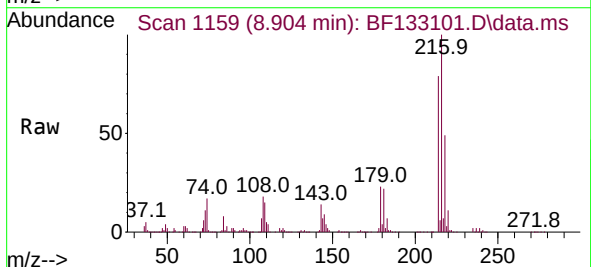
Tgt Ion:164 Resp: 44763
Ion Ratio Lower Upper
164 100
162 98.4 78.7 118.1
160 44.2 35.8 53.6

Manual Integrations
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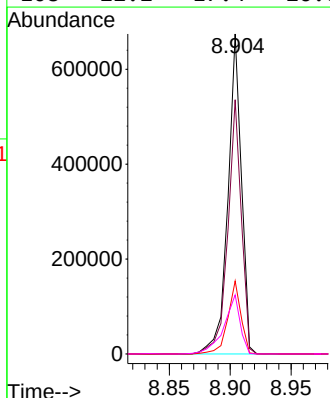
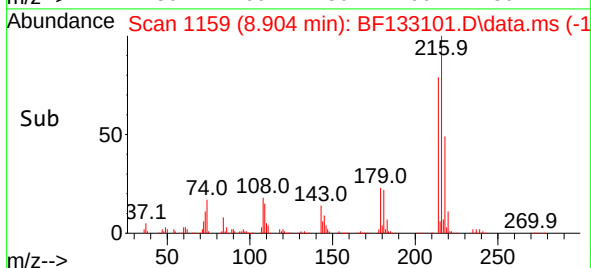
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

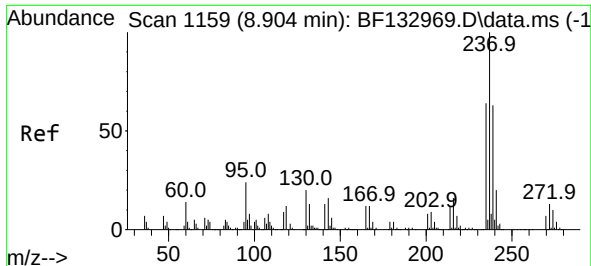


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.368 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



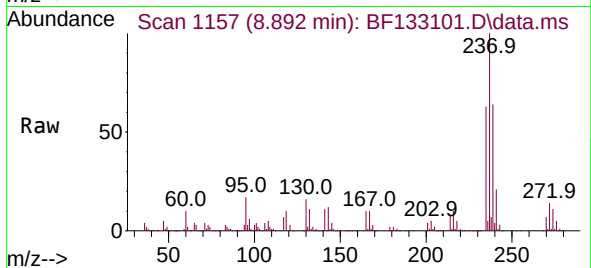
Tgt Ion:216 Resp: 521960
Ion Ratio Lower Upper
216 100
214 79.2 63.5 95.3
179 22.2 17.4 26.2
108 22.2 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 95.680 ng
RT: 8.892 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

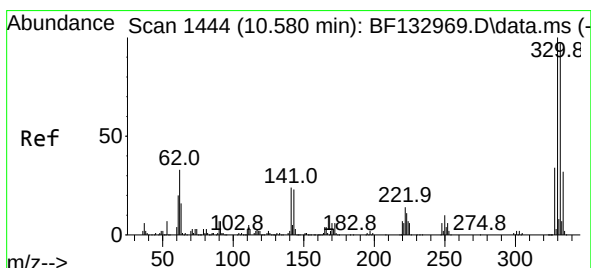
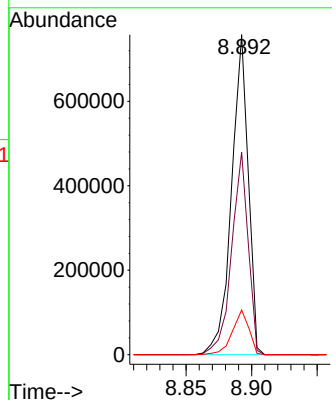
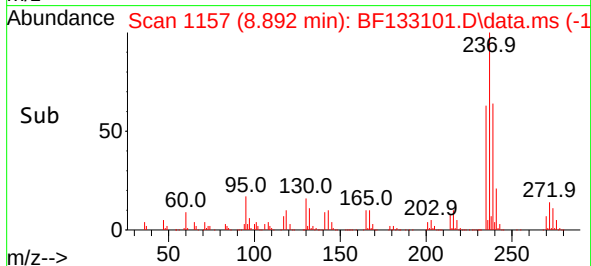
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



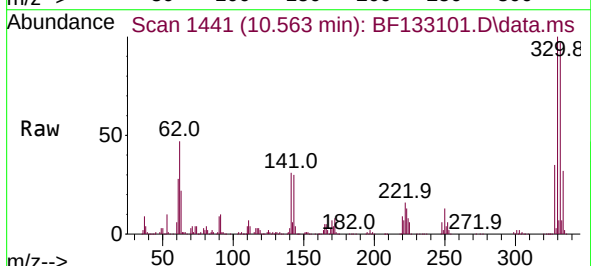
Tgt Ion:237 Resp: 67159
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 13.9 0.0 32.7

Manual Integrations
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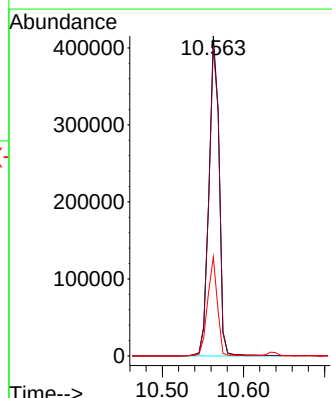
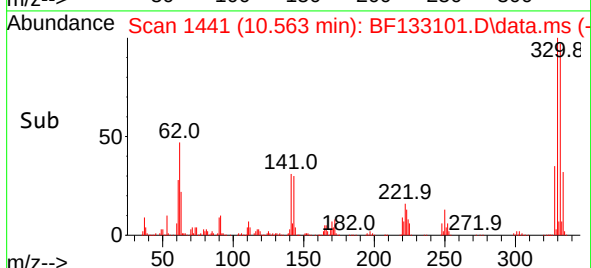
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

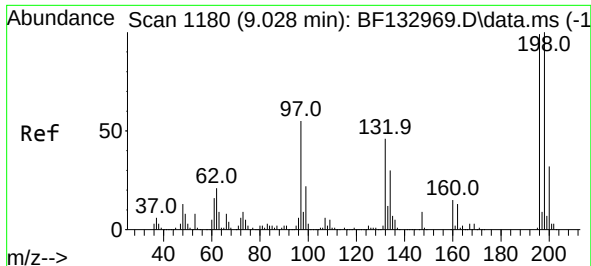


#42
2,4,6-Tribromophenol
Concen: 80.153 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



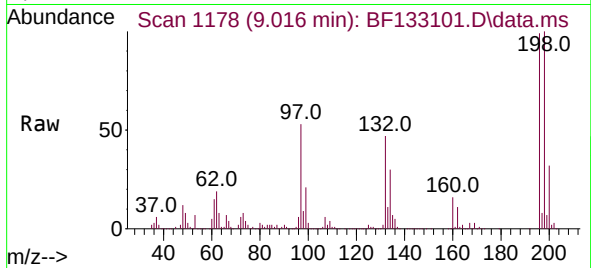
Tgt Ion:330 Resp: 360834
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 29.7 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 45.769 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

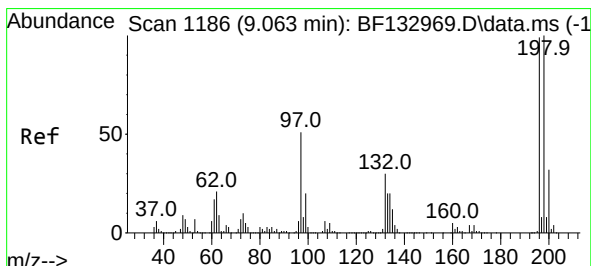
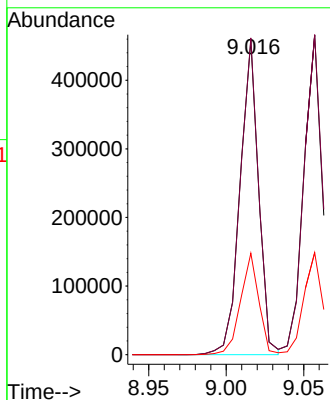
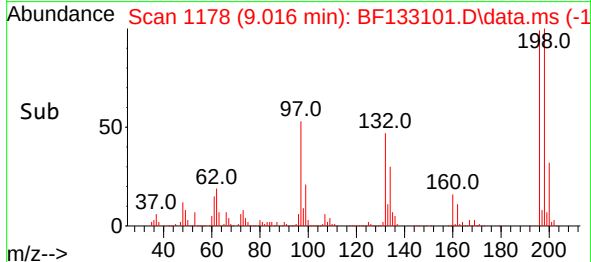
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



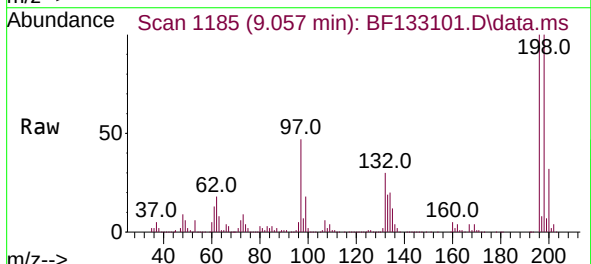
Tgt Ion:196 Resp: 38095
Ion Ratio Lower Upper
196 100
198 100.7 81.0 121.6
200 32.2 26.1 39.1

Manual Integrations
APPROVED

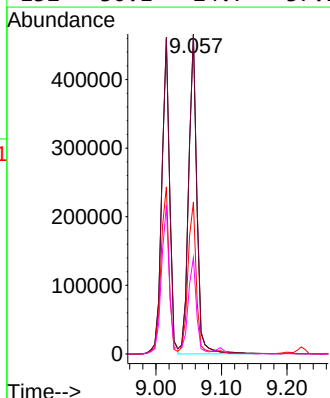
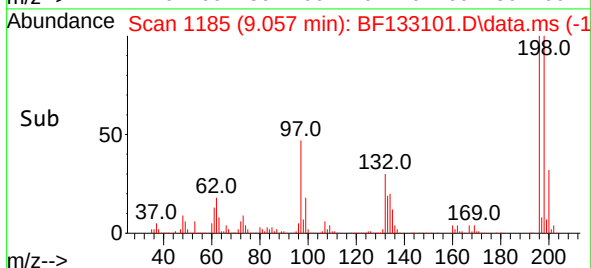
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

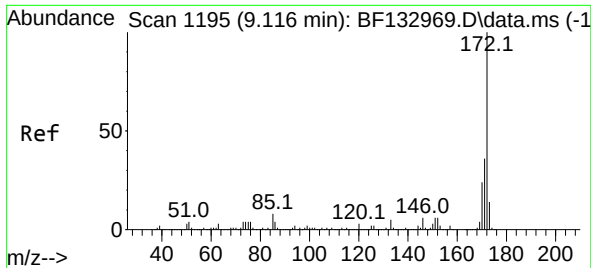


#44
2,4,5-Trichlorophenol
Concen: 41.988 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



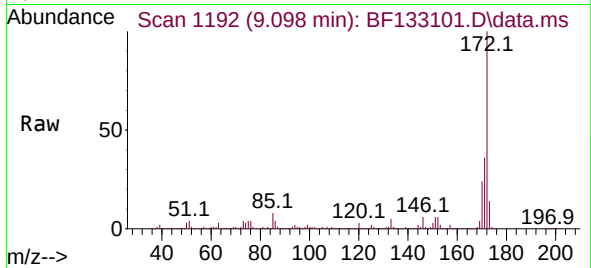
Tgt Ion:196 Resp: 404189
Ion Ratio Lower Upper
196 100
198 100.2 80.9 121.3
97 47.5 41.3 61.9
132 30.1 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 56.040 ng
RT: 9.098 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

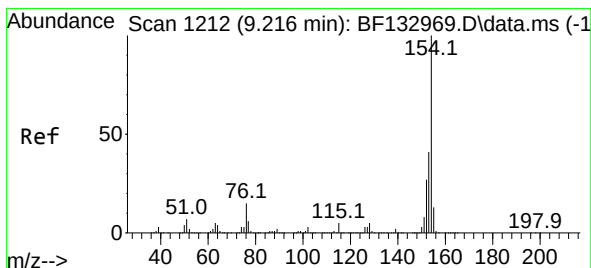
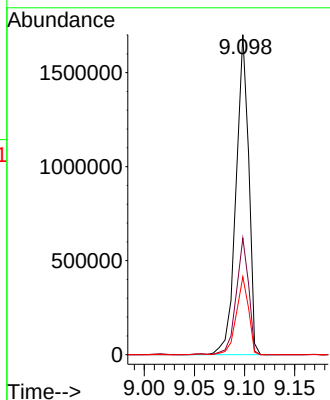
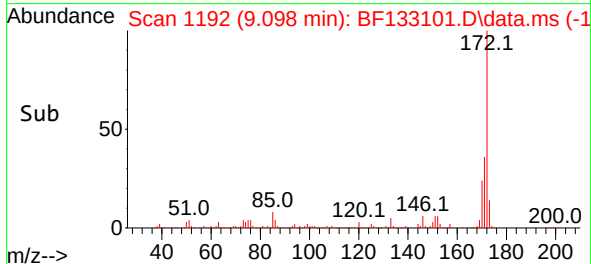
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



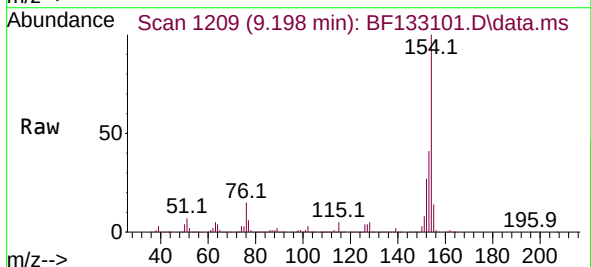
Tgt Ion:172 Resp: 149942
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.3 19.4 29.2

Manual Integrations
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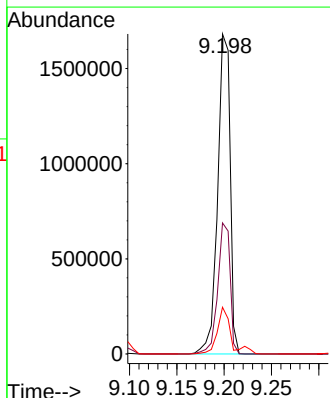
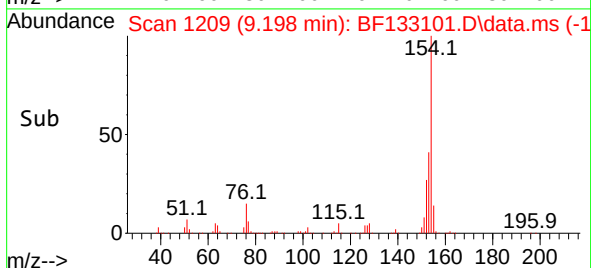
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

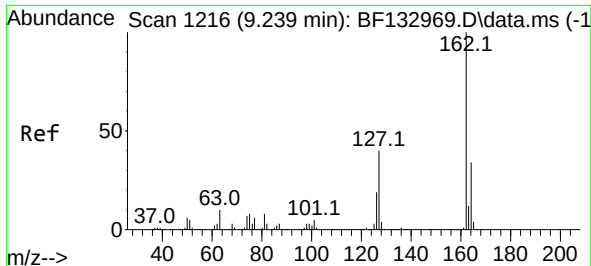


#46
1,1'-Biphenyl
Concen: 43.461 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



Tgt Ion:154 Resp: 1542658
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 14.6 0.0 34.5





#47

2-Chloronaphthalene

Concen: 44.895 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-01MS

Tgt Ion:162 Resp: 1166374

Ion Ratio Lower Upper

162 100

127 41.5 32.3 48.5

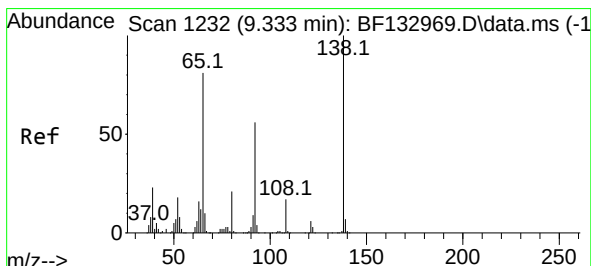
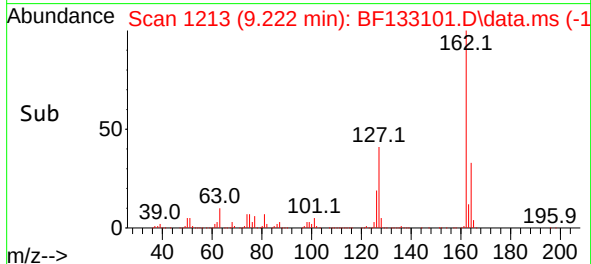
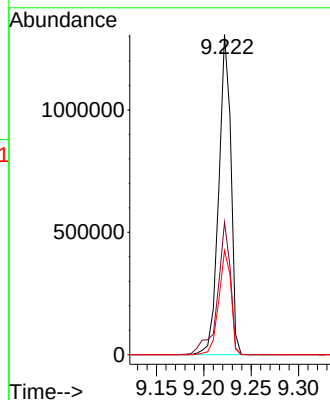
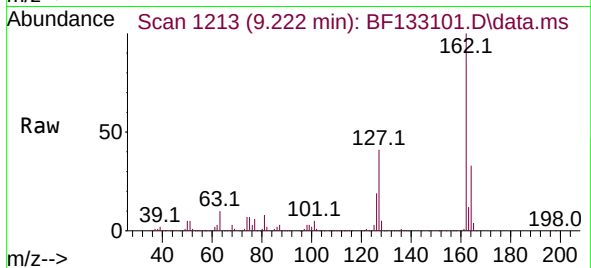
164 32.6 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#48

2-Nitroaniline

Concen: 41.629 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

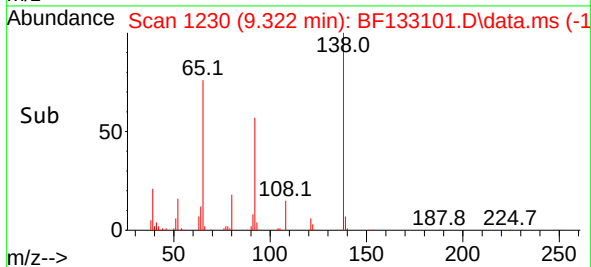
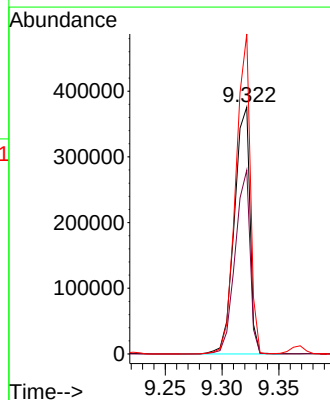
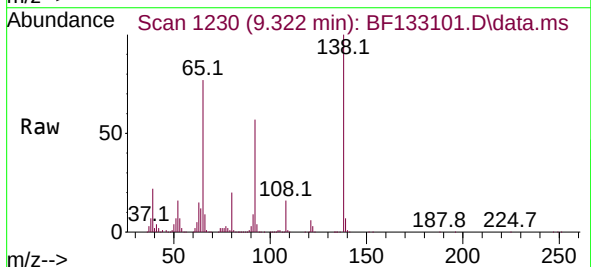
Tgt Ion: 65 Resp: 357444

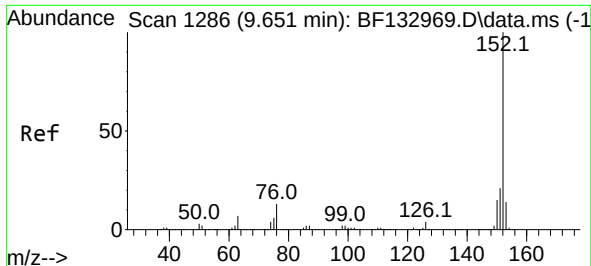
Ion Ratio Lower Upper

65 100

92 74.5 55.4 83.0

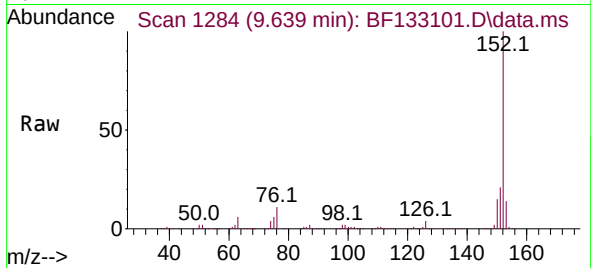
138 129.6 98.2 147.2





#49
Acenaphthylene
Concen: 42.749 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

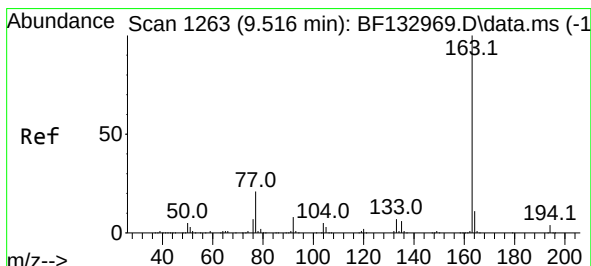
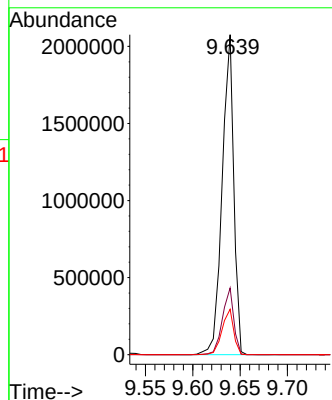
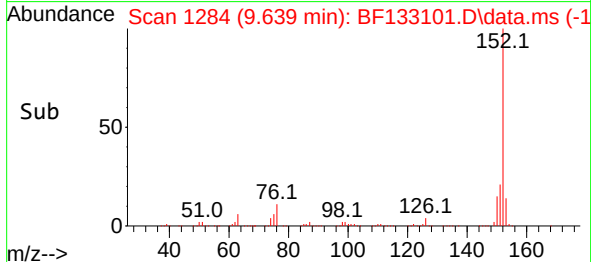
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



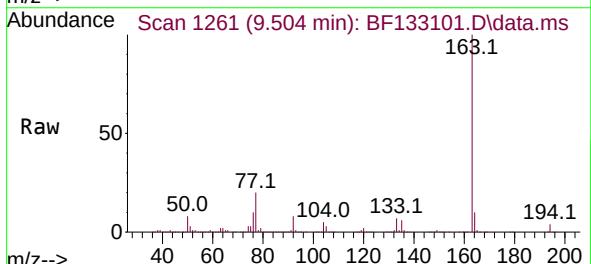
Tgt Ion:152 Resp: 1774622
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.2 11.5 17.3

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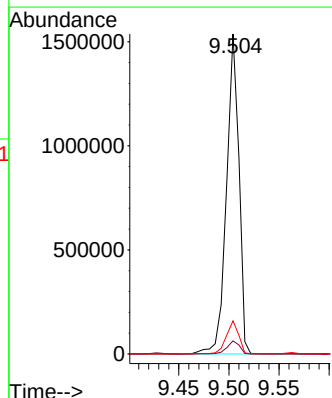
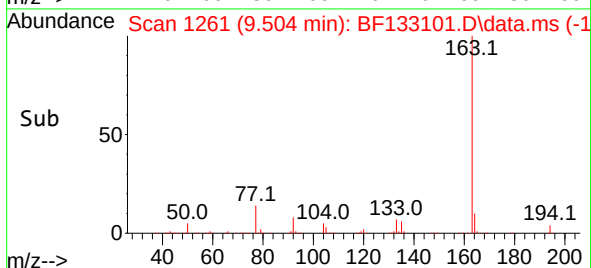
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

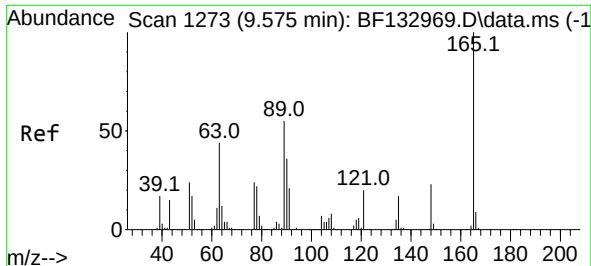


#50
Dimethylphthalate
Concen: 42.393 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



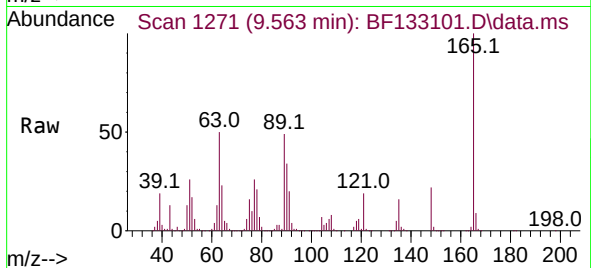
Tgt Ion:163 Resp: 1323192
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.846 ng
RT: 9.563 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

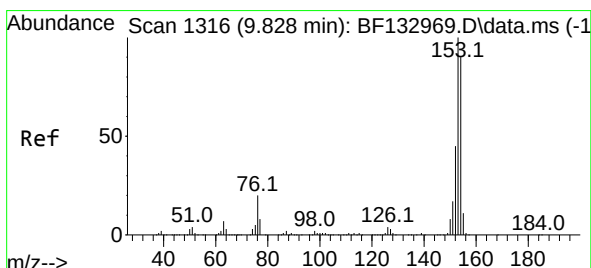
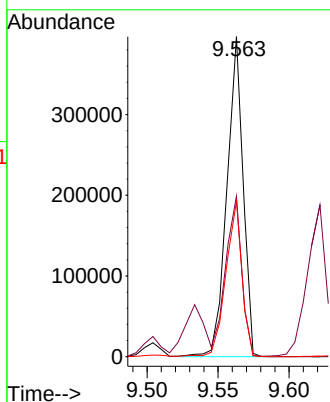
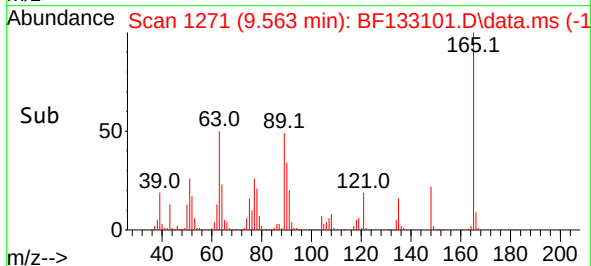
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:165 Resp: 31505
Ion Ratio Lower Upper
165 100
63 50.1 45.9 68.9
89 48.6 44.0 66.0

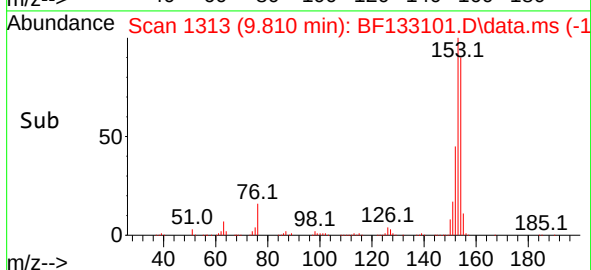
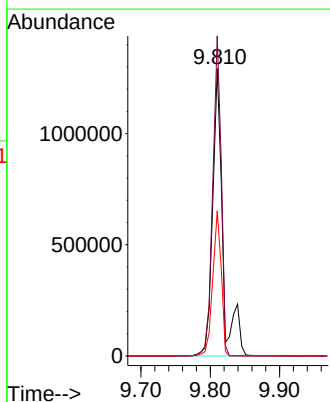
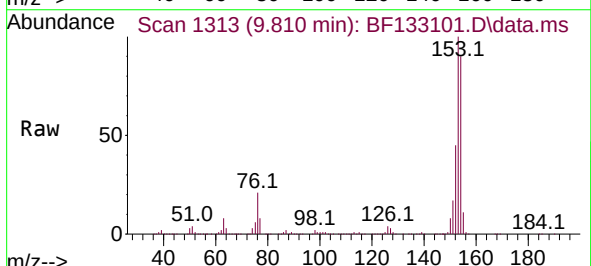
Manual Integrations
APPROVED

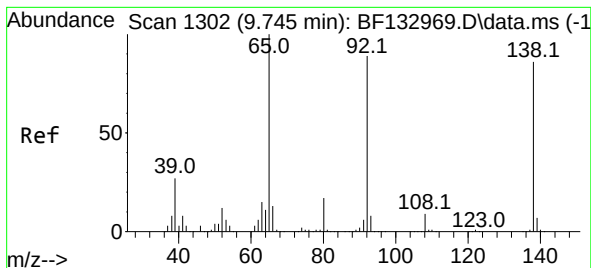
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#52
Acenaphthene
Concen: 47.200 ng m
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

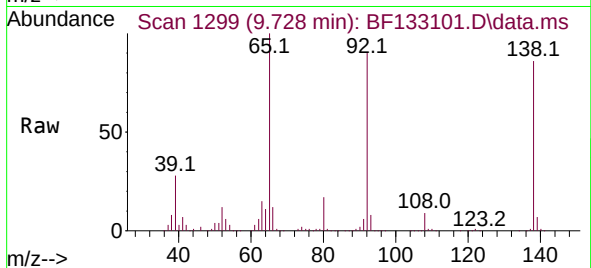
Tgt Ion:154 Resp: 1312294
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 50.5 40.4 60.6





#53
3-Nitroaniline
Concen: 28.358 ng
RT: 9.728 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

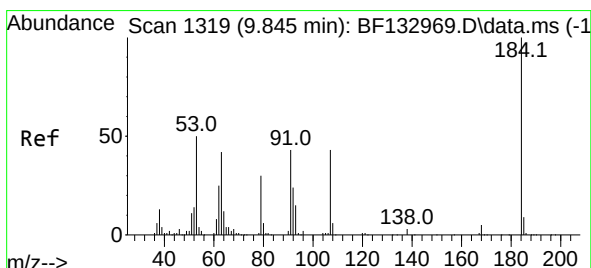
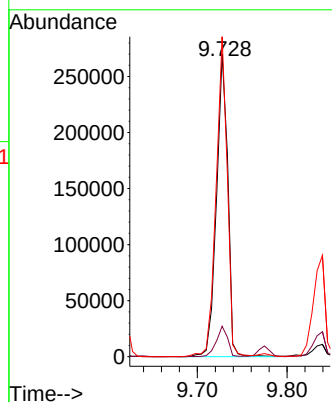
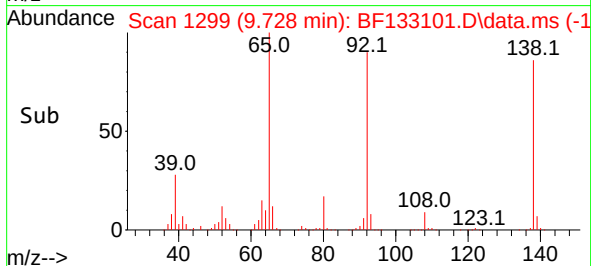
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:138 Resp: 236874
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 105.7 83.6 125.4

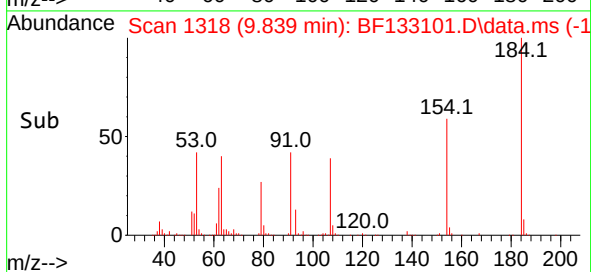
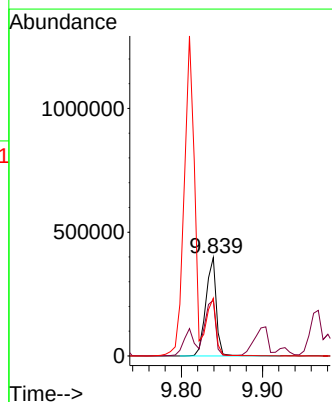
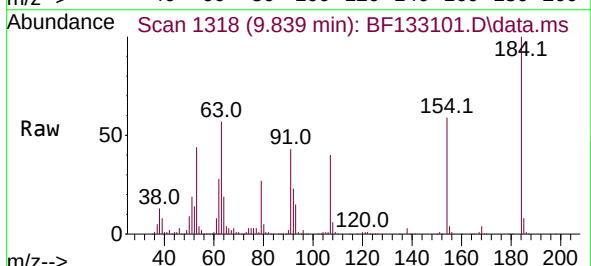
Manual Integrations
APPROVED

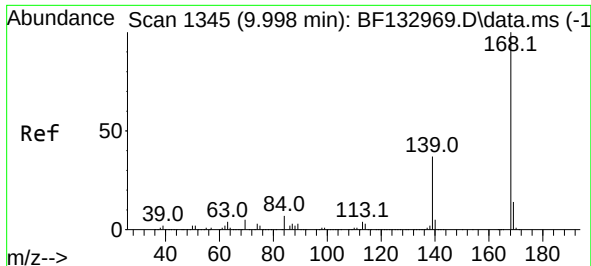
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#54
2,4-Dinitrophenol
Concen: 100.903 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

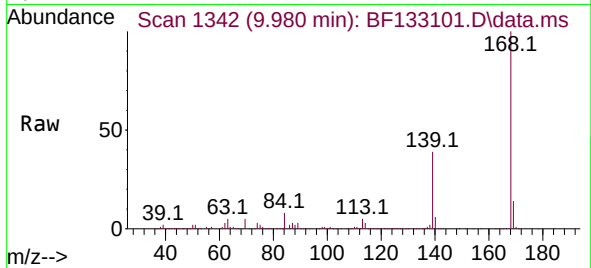
Tgt Ion:184 Resp: 356306
Ion Ratio Lower Upper
184 100
63 56.6 49.8 74.8
154 58.7 49.5 74.3





#55
Dibenzenofuran
Concen: 42.269 ng
RT: 9.980 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

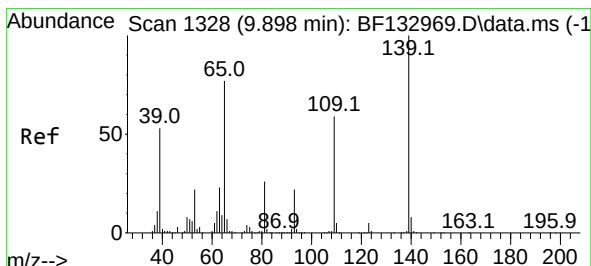
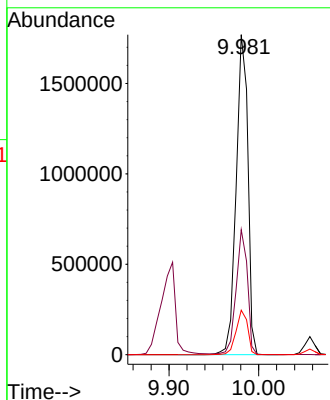
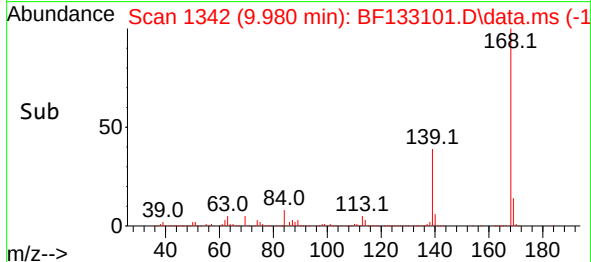
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:168 Resp: 160308
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8
169 13.9 10.8 16.2

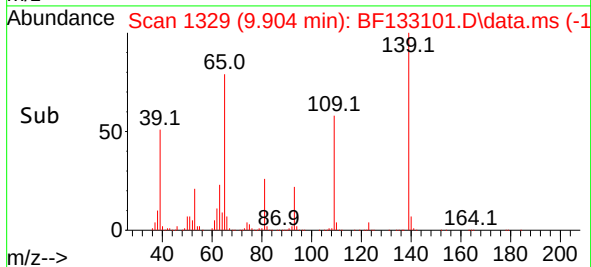
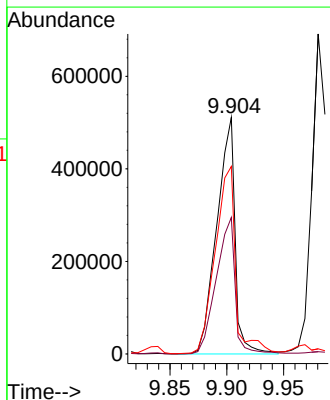
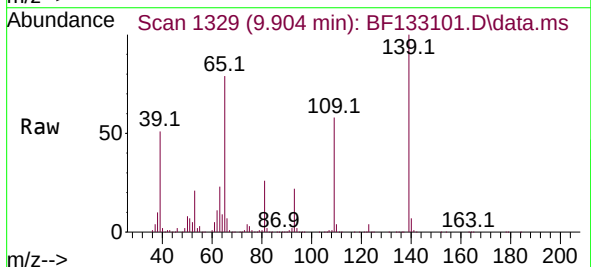
Manual Integrations
APPROVED

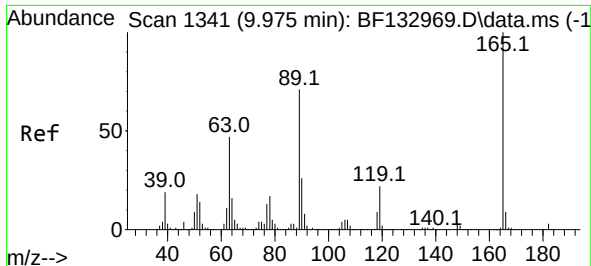
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#56
4-Nitrophenol
Concen: 88.810 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Tgt Ion:139 Resp: 574566
Ion Ratio Lower Upper
139 100
109 57.7 39.4 79.4
65 79.3 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.690 ng

RT: 9.969 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-01MS

Tgt Ion:165 Resp: 409339

Ion Ratio Lower Upper

165 100

63 38.7 37.7 56.5

89 60.5 57.0 85.4

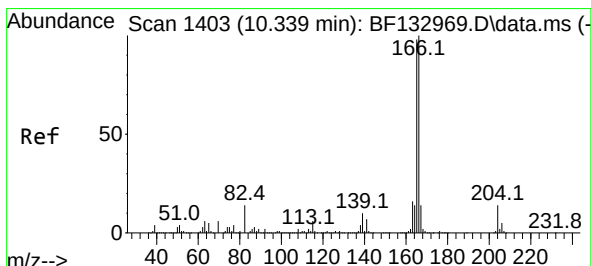
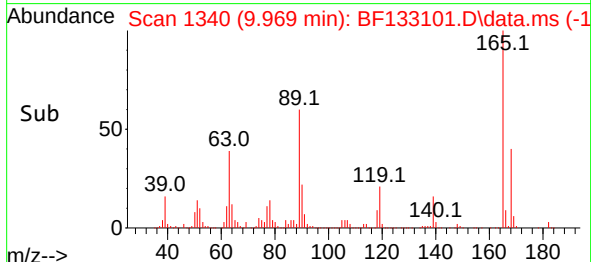
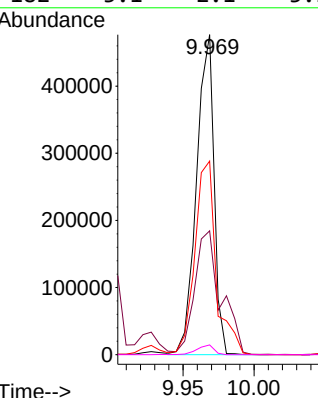
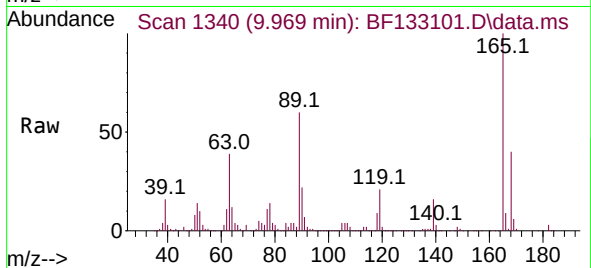
182 3.1 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#58

Fluorene

Concen: 41.803 ng

RT: 10.328 min Scan# 1401

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

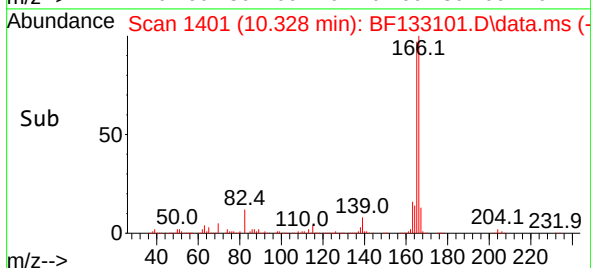
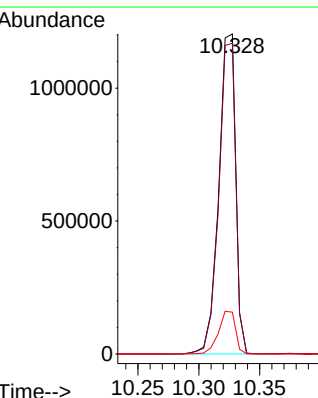
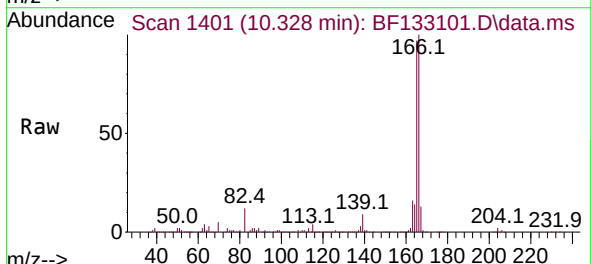
Tgt Ion:166 Resp: 1161539

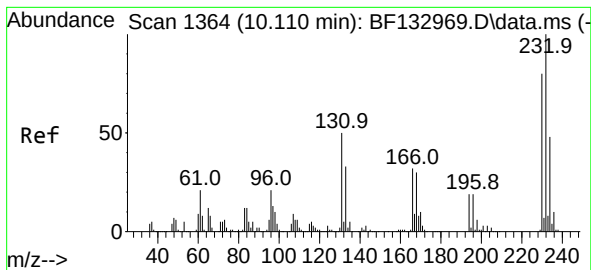
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

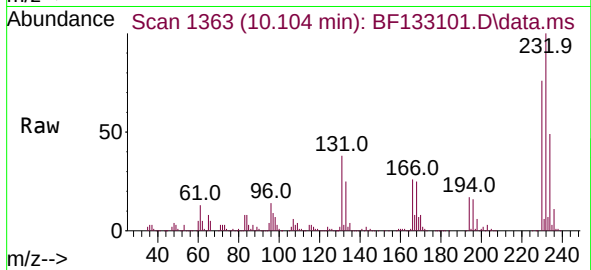
167 13.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.630 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

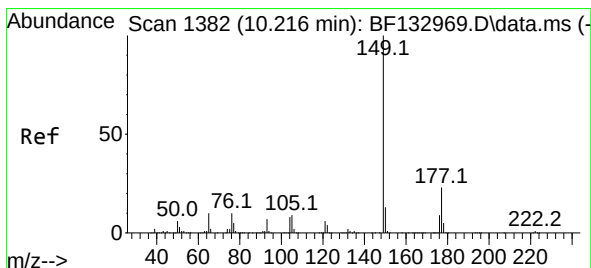
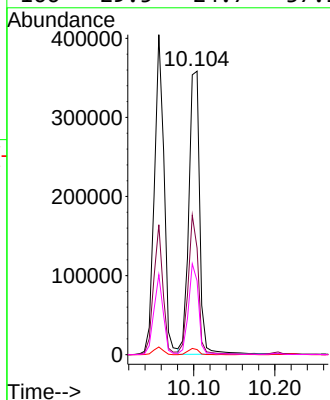
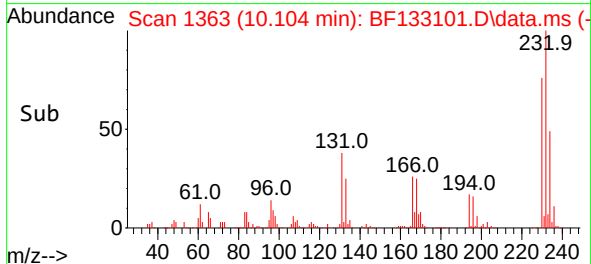
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



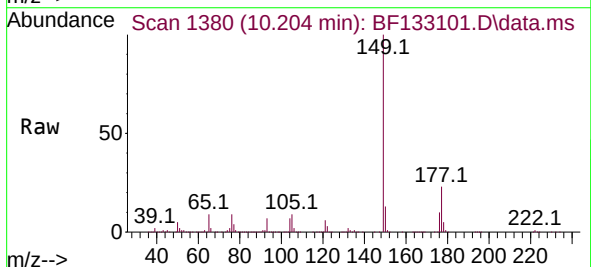
Tgt Ion:232 Resp: 333072
Ion Ratio Lower Upper
232 100
131 45.3 38.0 57.0
130 2.1 1.8 2.8
166 29.5 24.7 37.1

Manual Integrations
APPROVED

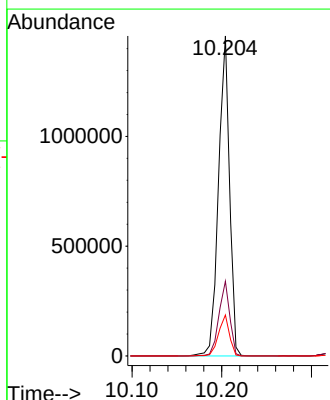
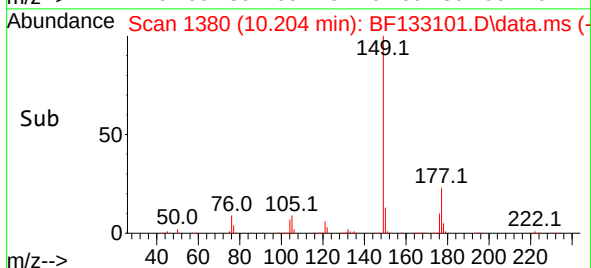
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

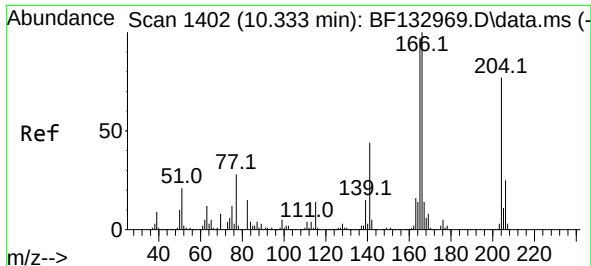


#60
Diethylphthalate
Concen: 42.114 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



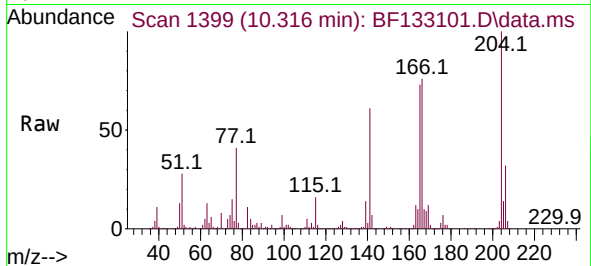
Tgt Ion:149 Resp: 1241604
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.931 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

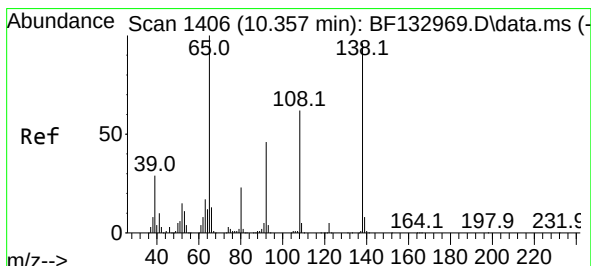
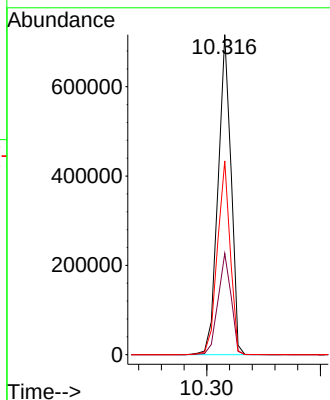
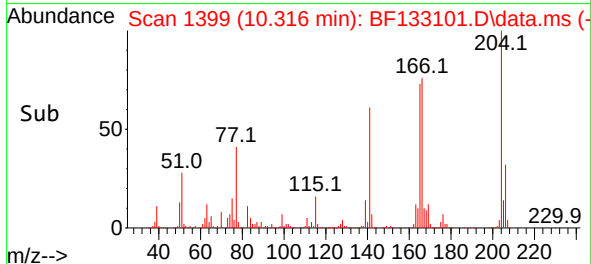
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:204 Resp: 567770
Ion Ratio Lower Upper
204 100
206 31.7 26.1 39.1
141 60.5 46.1 69.1

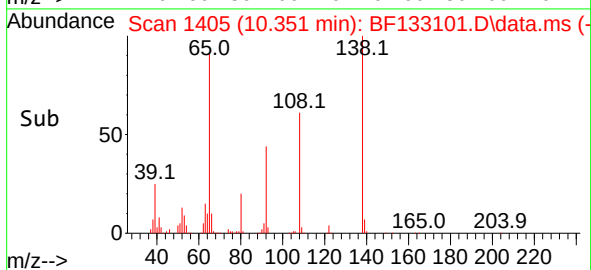
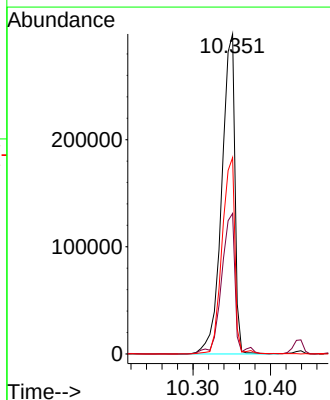
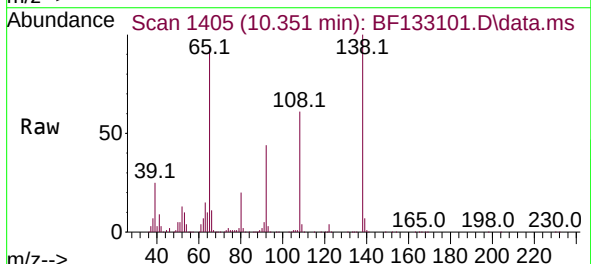
Manual Integrations
APPROVED

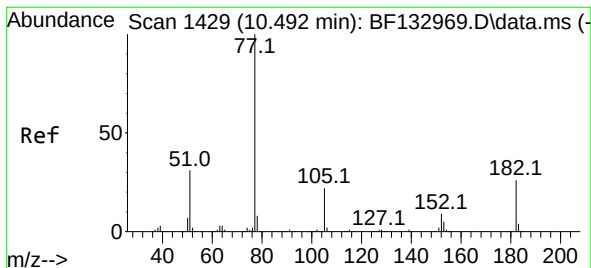
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#62
4-Nitroaniline
Concen: 45.956 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Tgt Ion:138 Resp: 352816
Ion Ratio Lower Upper
138 100
92 43.9 27.7 67.7
108 61.4 45.2 85.2





#63

Azobenzene

Concen: 41.909 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.000 min

Lab File: BF133101.D

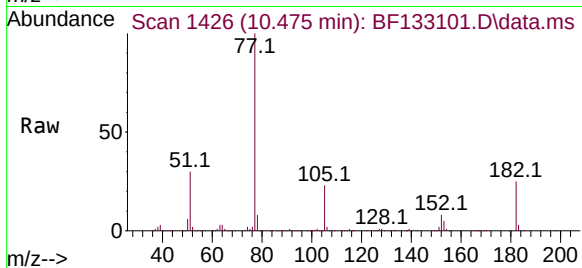
Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-01MS



Tgt Ion: 77 Resp: 130889

Ion Ratio Lower Upper

77 100

182 25.0 5.9 45.9

105 22.9 2.3 42.3

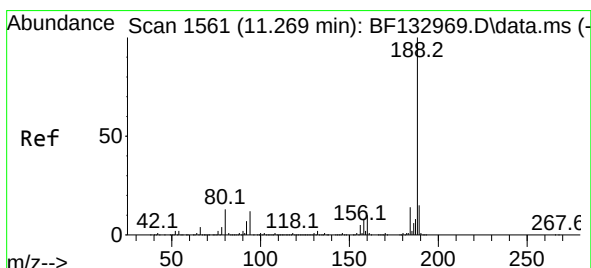
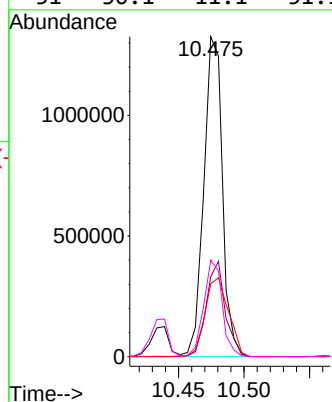
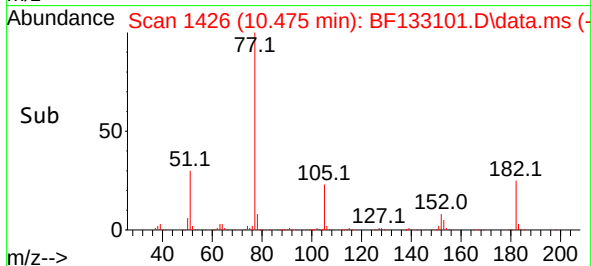
51 30.1 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

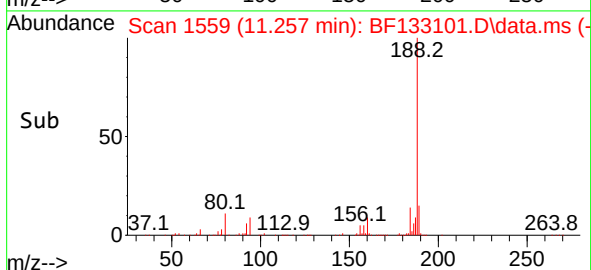
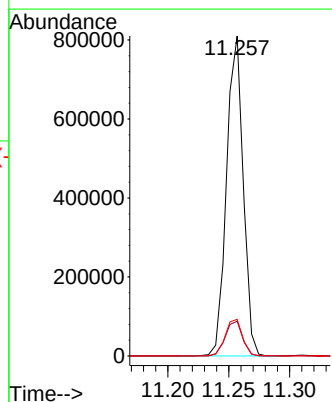
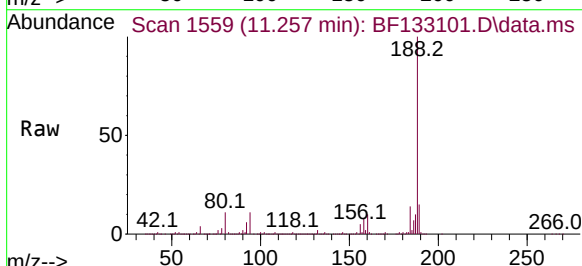
Tgt Ion:188 Resp: 769996

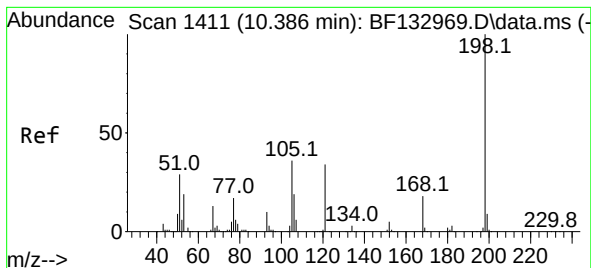
Ion Ratio Lower Upper

188 100

94 10.9 9.7 14.5

80 11.4 10.4 15.6





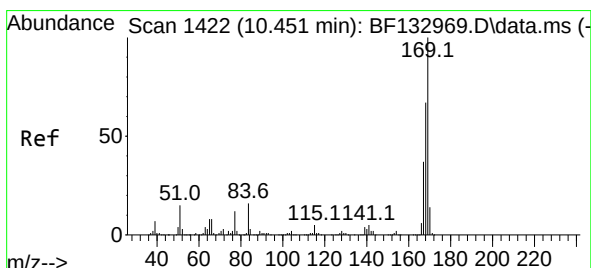
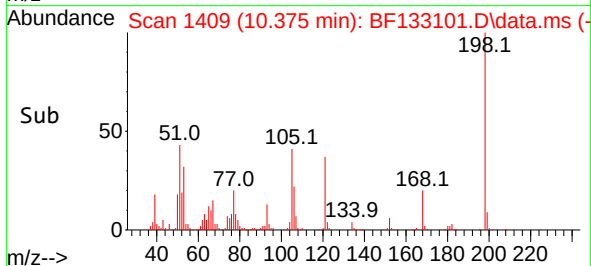
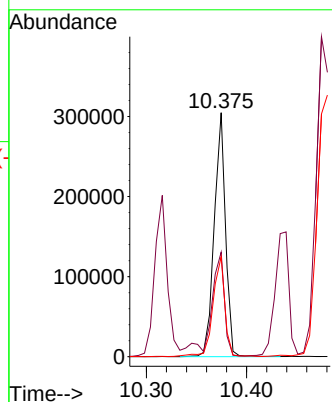
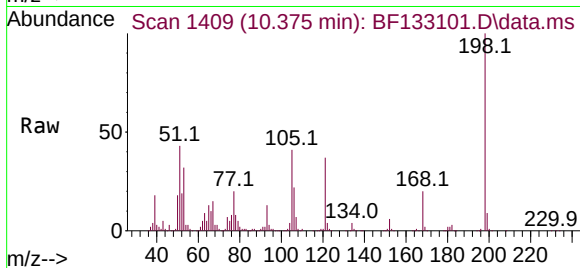
#65
4,6-Dinitro-2-methylphenol
Concen: 51.303 ng
RT: 10.375 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS

Tgt Ion:198 Resp: 239430
Ion Ratio Lower Upper
198 100
51 42.8 15.5 55.5
105 40.9 16.7 56.7

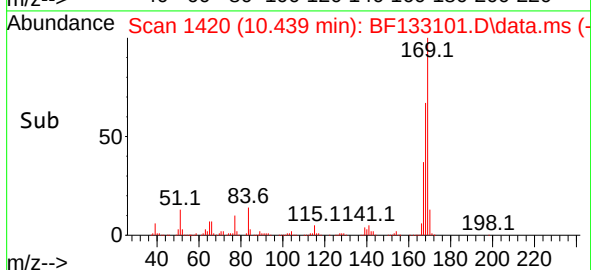
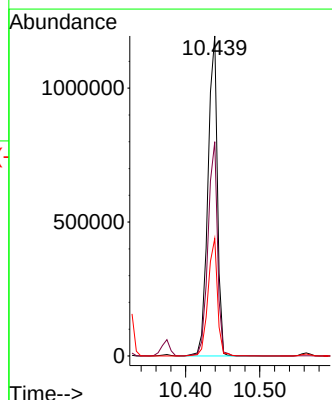
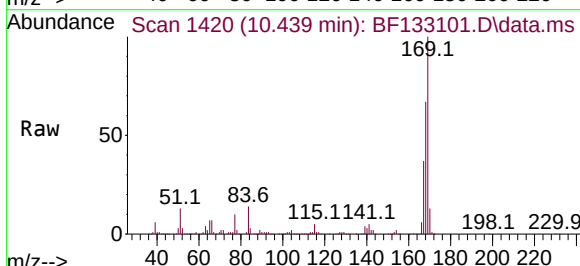
Manual Integrations
APPROVED

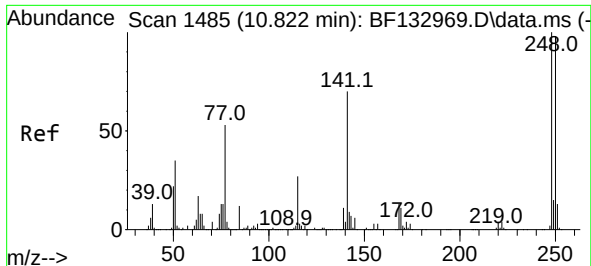
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#66
n-Nitrosodiphenylamine
Concen: 42.556 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

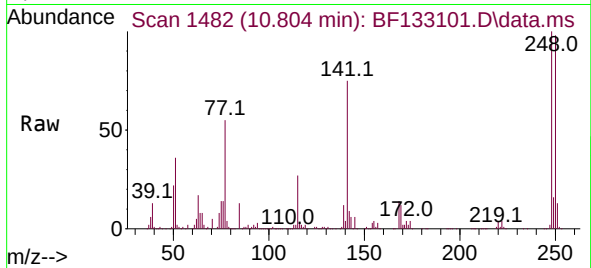
Tgt Ion:169 Resp: 1062921
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 43.648 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

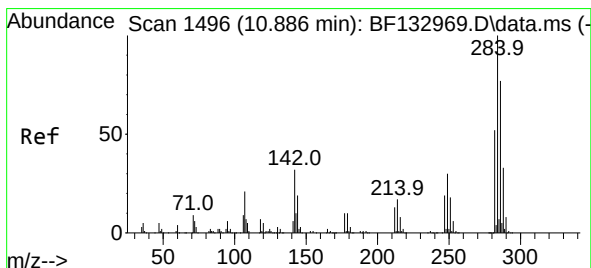
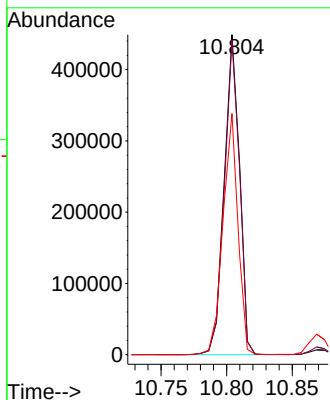
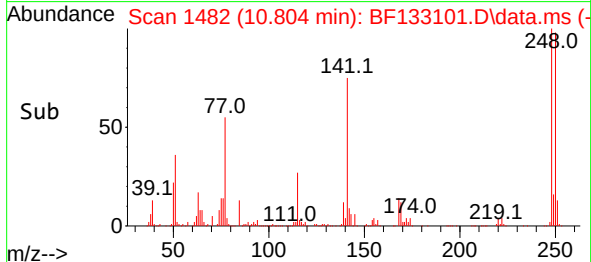
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:248 Resp: 364500
Ion Ratio Lower Upper
248 100
250 98.3 78.7 118.1
141 75.4 56.3 84.5

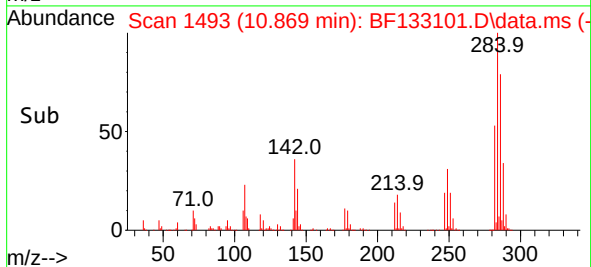
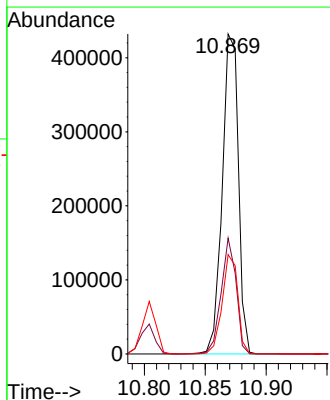
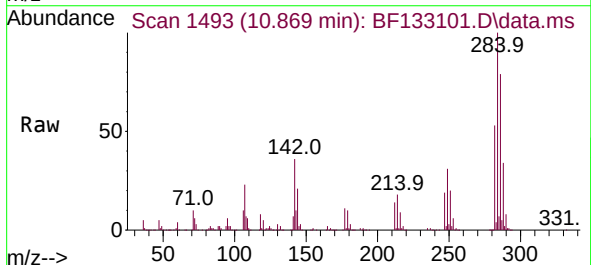
Manual Integrations
APPROVED

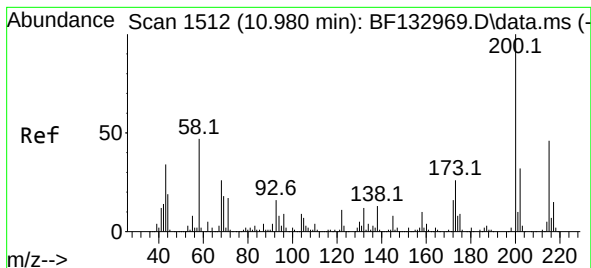
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#68
Hexachlorobenzene
Concen: 46.687 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

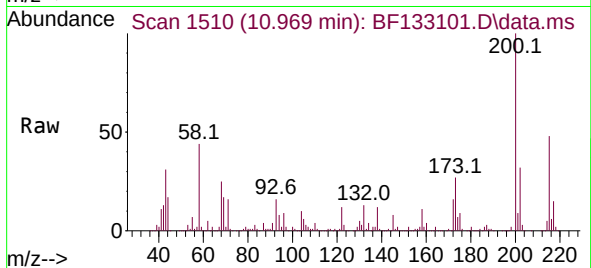
Tgt Ion:284 Resp: 399508
Ion Ratio Lower Upper
284 100
142 36.2 26.0 39.0
249 31.0 23.7 35.5





#69
Atrazine
Concen: 50.538 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

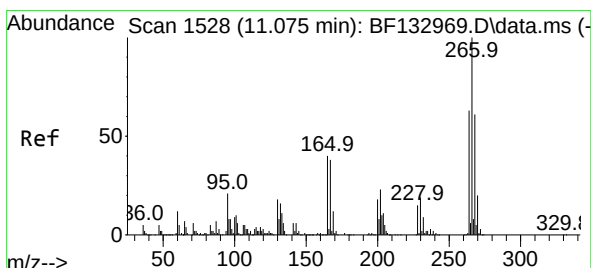
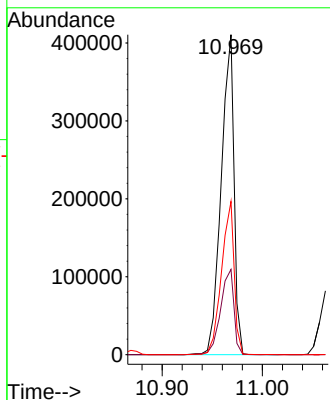
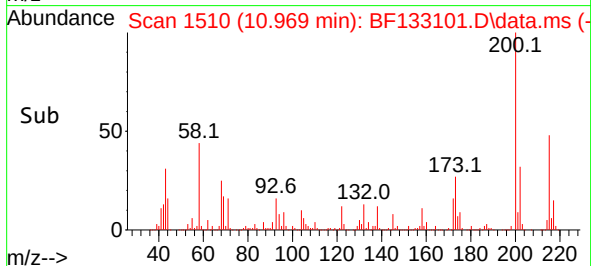
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



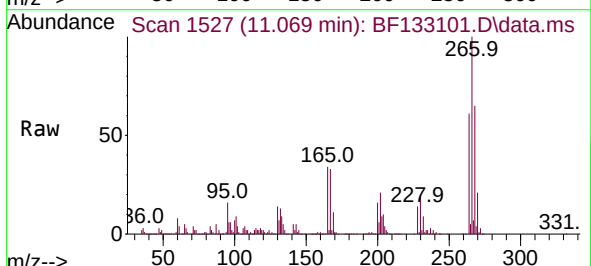
Tgt Ion:200 Resp: 363715
Ion Ratio Lower Upper
200 100
173 26.7 6.2 46.2
215 47.9 26.3 66.3

Manual Integrations
APPROVED

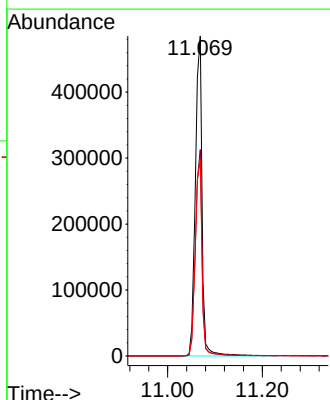
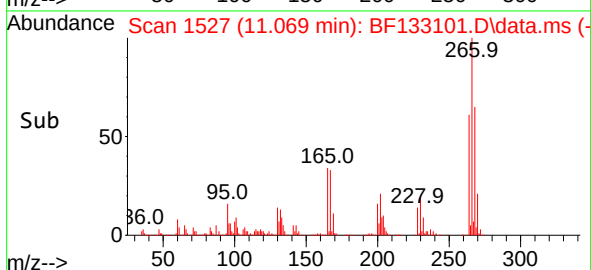
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

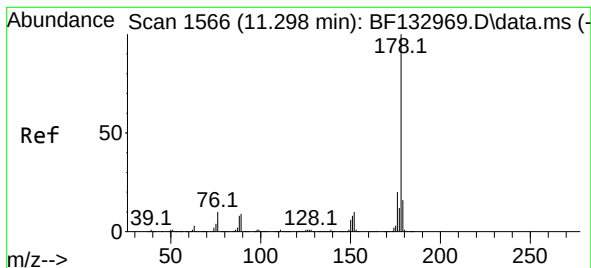


#70
Pentachlorophenol
Concen: 78.119 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



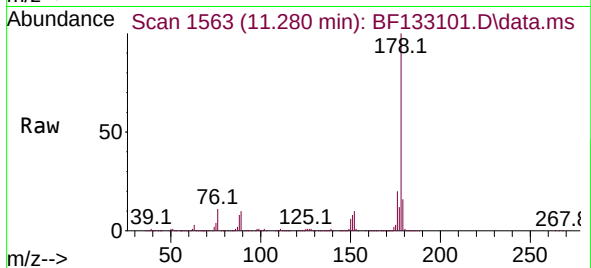
Tgt Ion:266 Resp: 476088
Ion Ratio Lower Upper
266 100
268 64.5 48.8 73.2
264 61.3 50.6 76.0





#71
Phenanthrene
Concen: 42.110 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

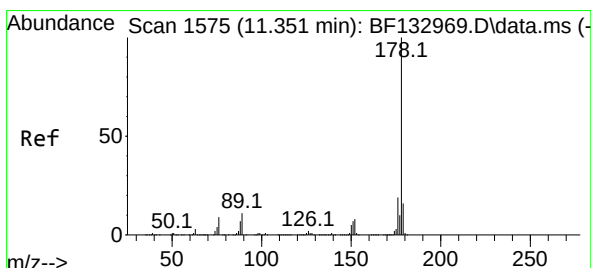
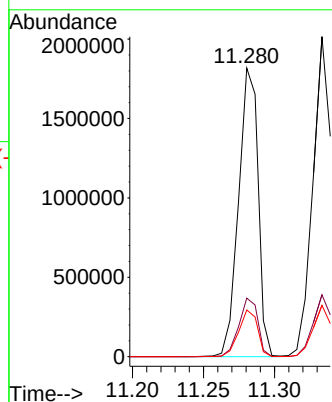
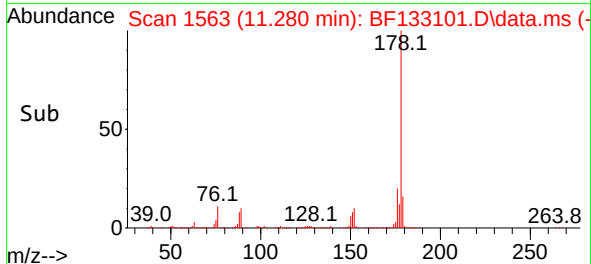
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:178 Resp: 174270
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 16.2 12.5 18.7

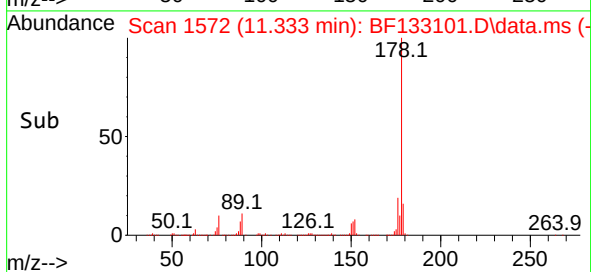
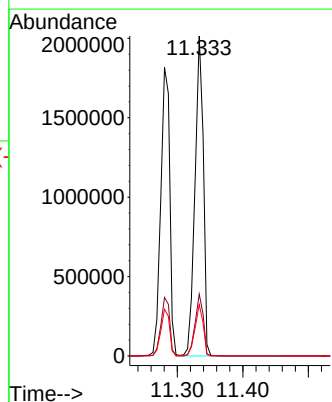
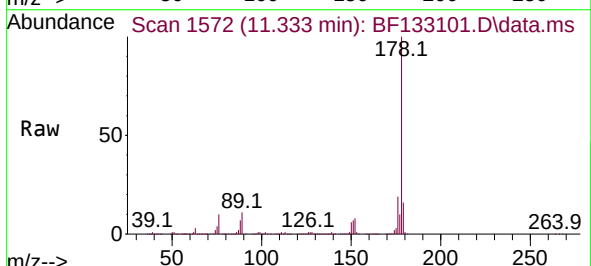
Manual Integrations
APPROVED

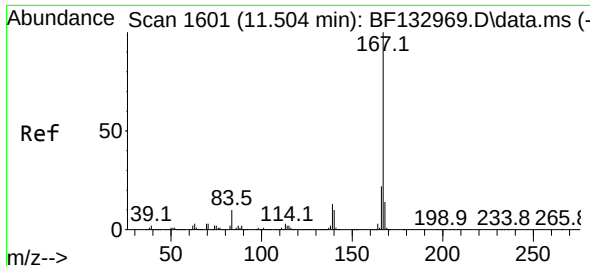
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#72
Anthracene
Concen: 42.223 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

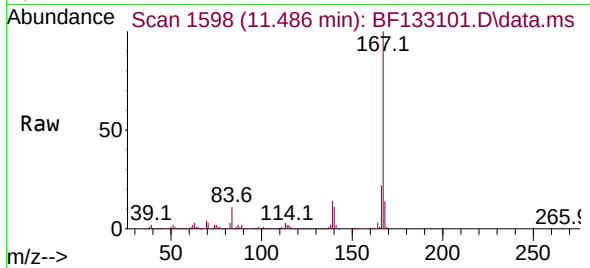
Tgt Ion:178 Resp: 1788250
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.1 12.4 18.6





#73
 Carbazole
 Concen: 43.177 ng
 RT: 11.486 min Scan# 1601
 Delta R.T. -0.006 min
 Lab File: BF133101.D
 Acq: 27 Apr 2023 15:51

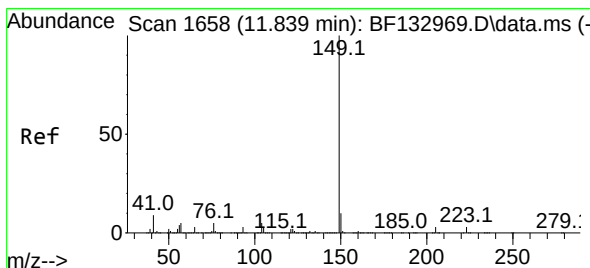
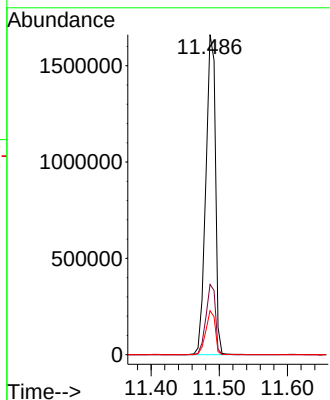
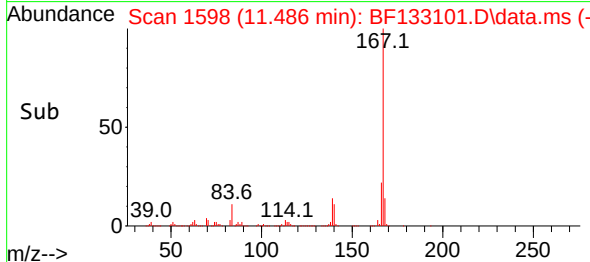
Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-01MS



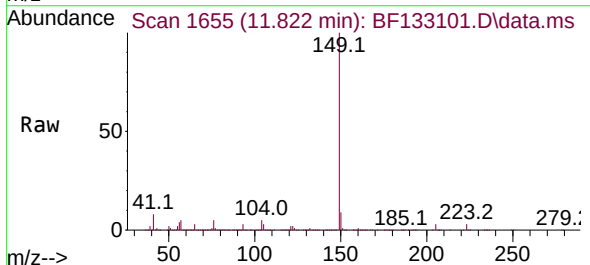
Tgt Ion:167 Resp: 1628304
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.8 10.6 16.0

Manual Integrations
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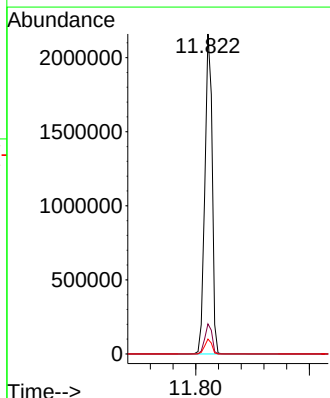
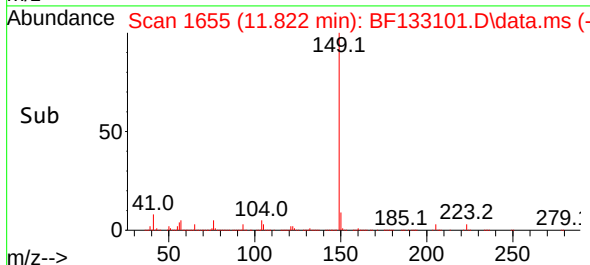
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023

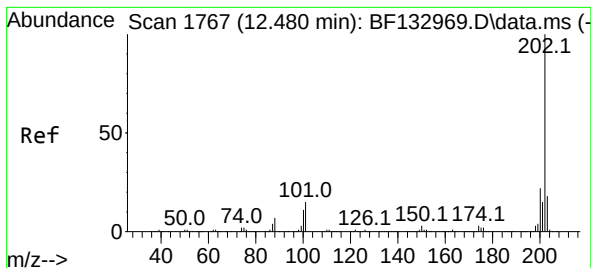


#74
 Di-n-butylphthalate
 Concen: 44.733 ng
 RT: 11.822 min Scan# 1655
 Delta R.T. -0.006 min
 Lab File: BF133101.D
 Acq: 27 Apr 2023 15:51



Tgt Ion:149 Resp: 1909100
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.6 4.0 6.0





#75

Fluoranthene

Concen: 41.927 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-01MS

Tgt Ion:202 Resp: 1741404

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.3

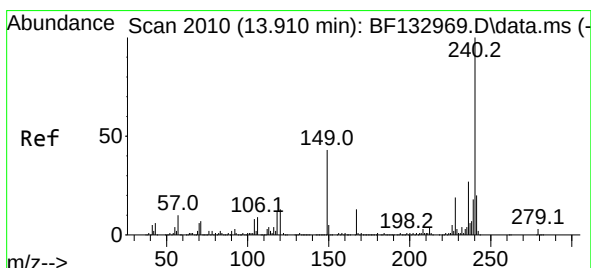
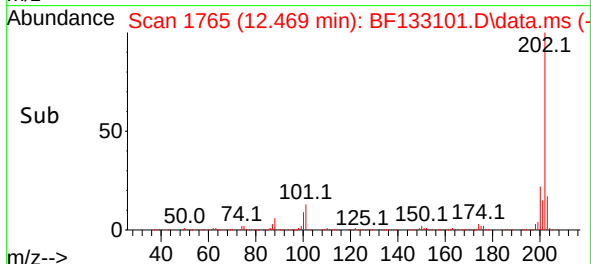
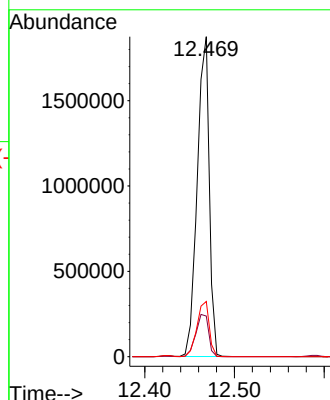
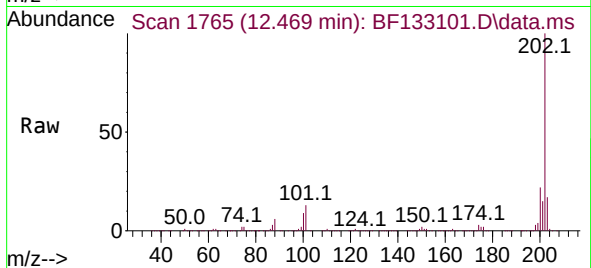
203 17.2 0.0 38.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

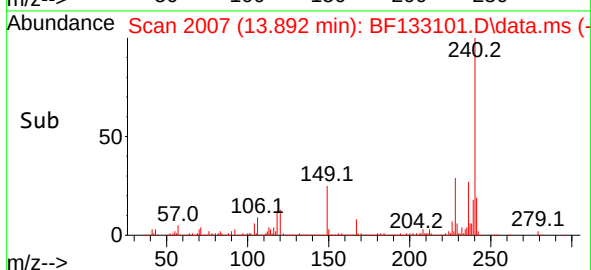
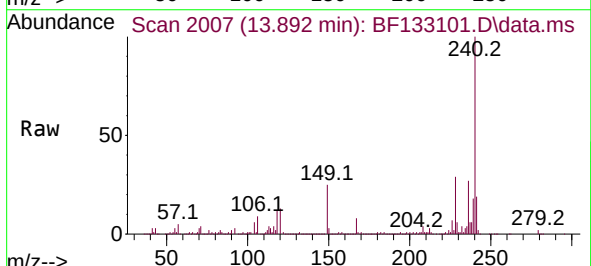
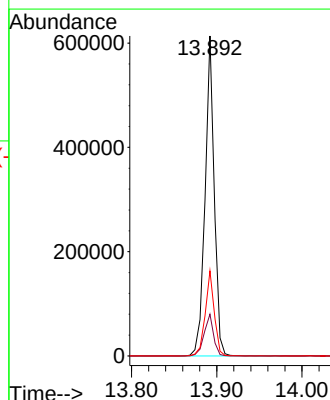
Tgt Ion:240 Resp: 459028

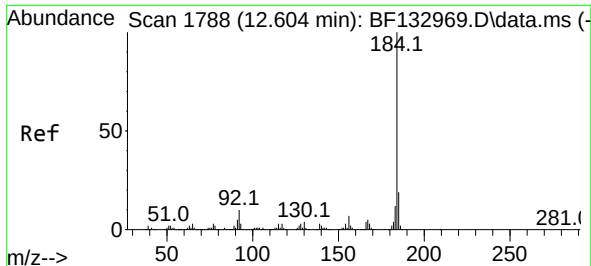
Ion Ratio Lower Upper

240 100

120 13.0 10.5 15.7

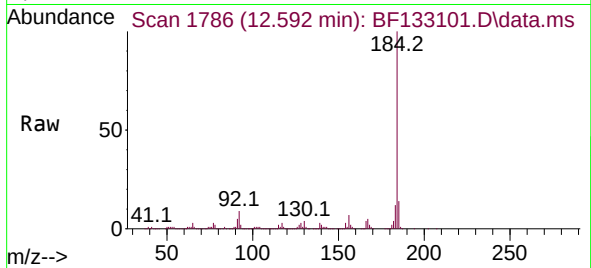
236 26.6 21.5 32.3





#77
Benzidine
Concen: 133.825 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

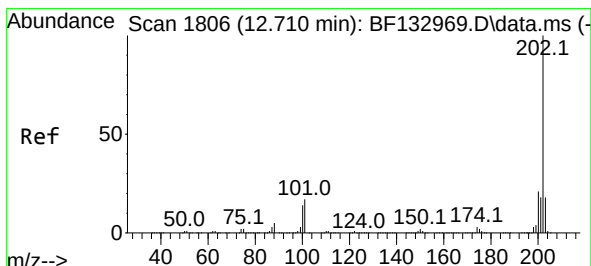
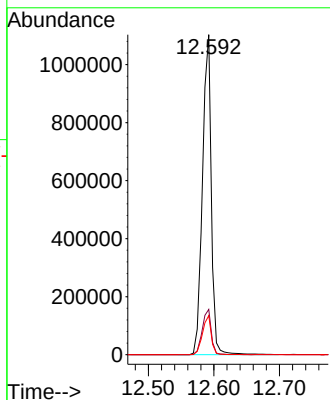
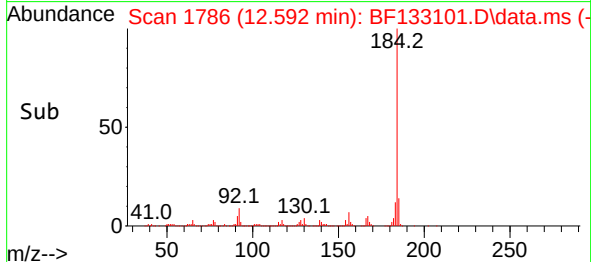
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



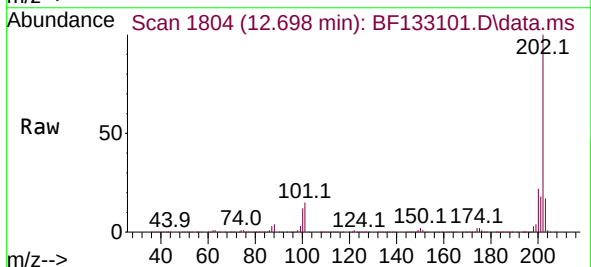
Tgt Ion:184 Resp: 1038802
Ion Ratio Lower Upper
184 100
185 14.1 15.4 23.2
183 12.2 9.4 14.0

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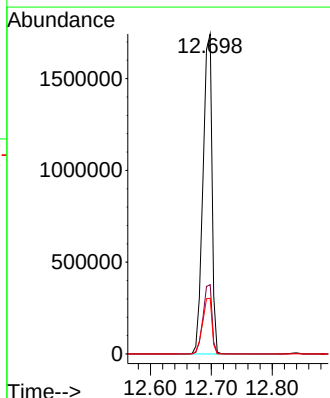
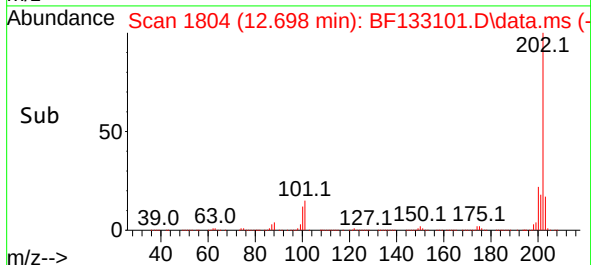
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

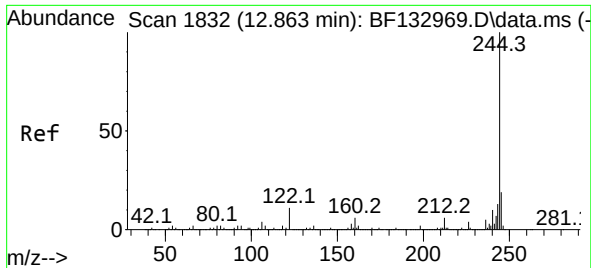


#78
Pyrene
Concen: 45.250 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



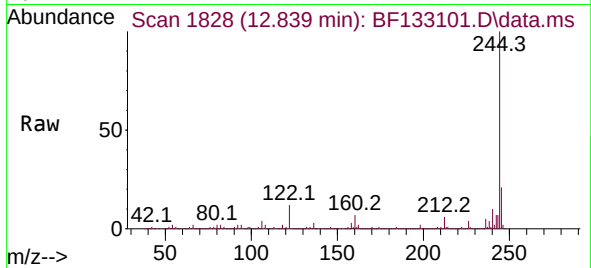
Tgt Ion:202 Resp: 1780562
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.4 14.1 21.1





#79
Terphenyl-d14
Concen: 62.150 ng
RT: 12.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

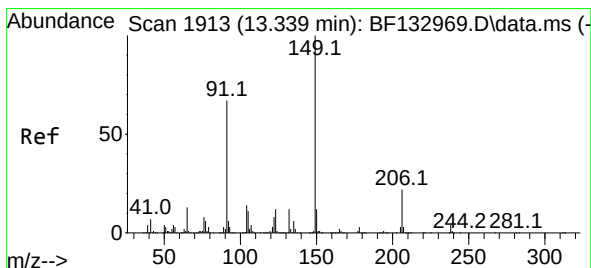
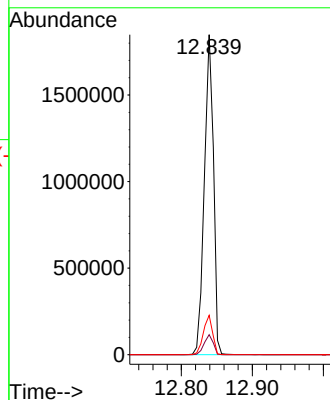
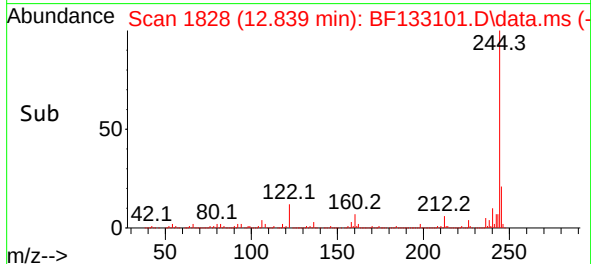
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:244 Resp: 1654138
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 12.3 8.6 13.0

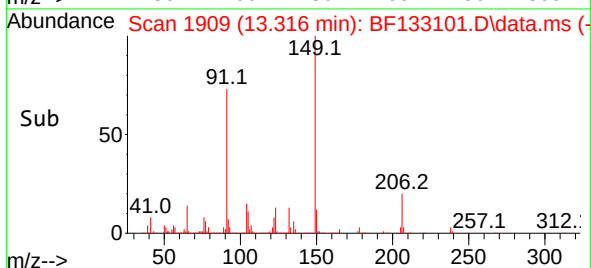
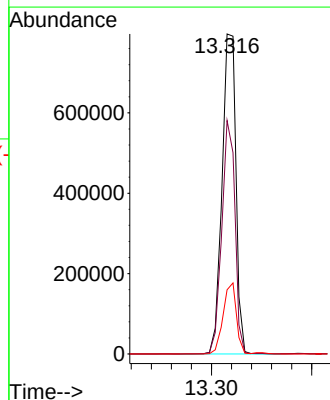
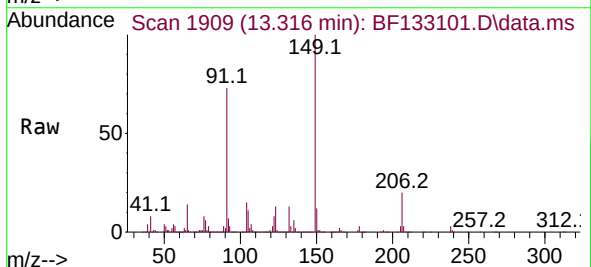
Manual Integrations
APPROVED

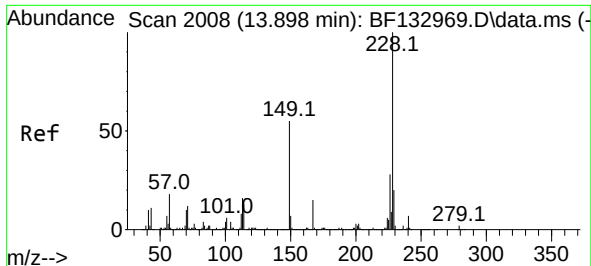
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#80
Butylbenzylphthalate
Concen: 54.918 ng
RT: 13.316 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

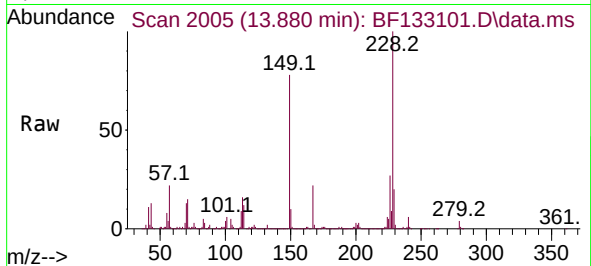
Tgt Ion:149 Resp: 765155
Ion Ratio Lower Upper
149 100
91 72.9 53.8 80.6
206 20.1 17.5 26.3





#81
Benzo(a)anthracene
Concen: 43.145 ng
RT: 13.880 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

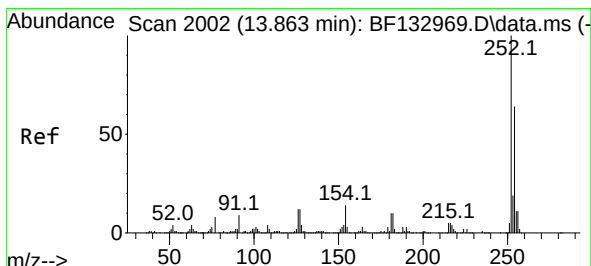
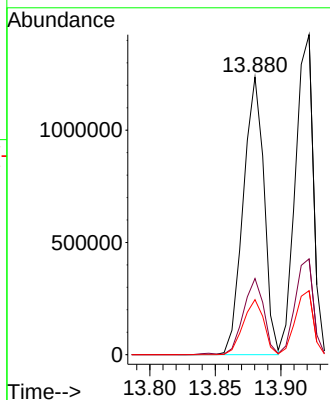
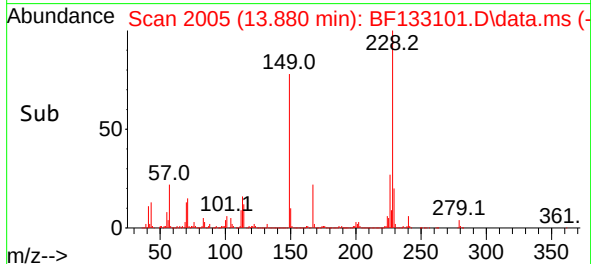
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



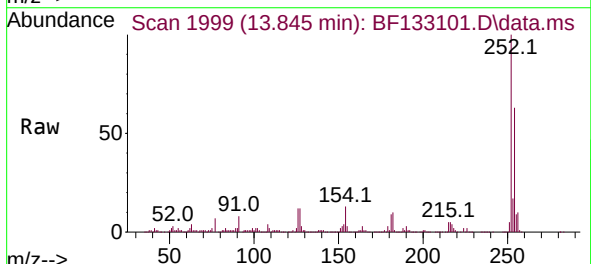
Tgt Ion:228 Resp: 136192
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.8 16.0 24.0

Manual Integrations
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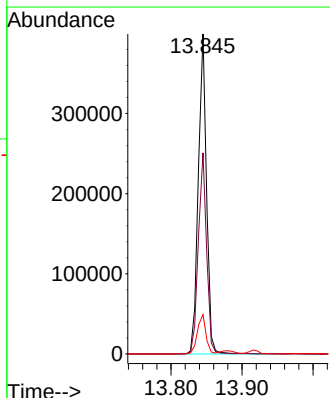
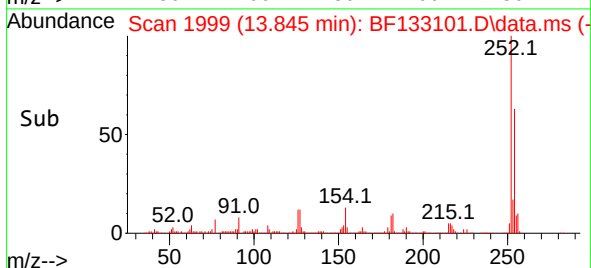
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

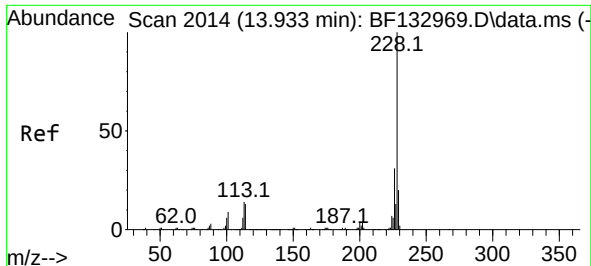


#82
3,3'-Dichlorobenzidine
Concen: 37.009 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



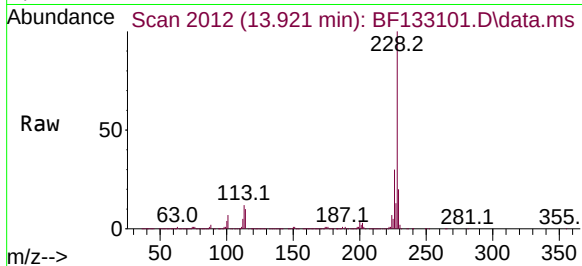
Tgt Ion:252 Resp: 322721
Ion Ratio Lower Upper
252 100
254 62.8 51.5 77.3
126 12.3 9.5 14.3





#83
Chrysene
Concen: 42.867 ng
RT: 13.921 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

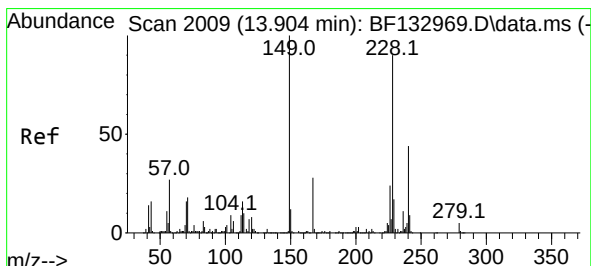
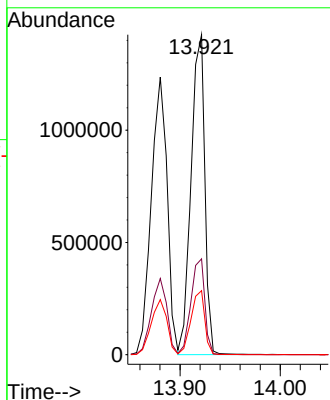
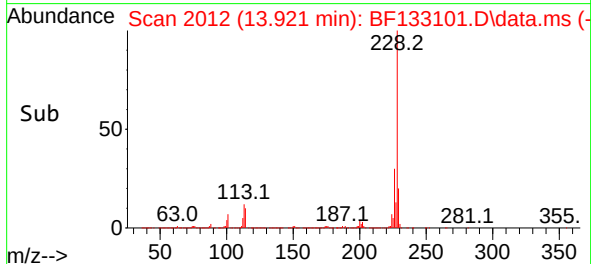
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:228 Resp: 1352808
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 20.0 16.1 24.1

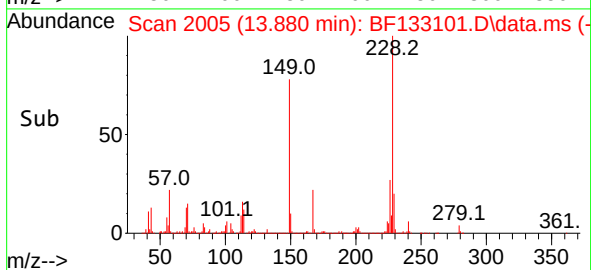
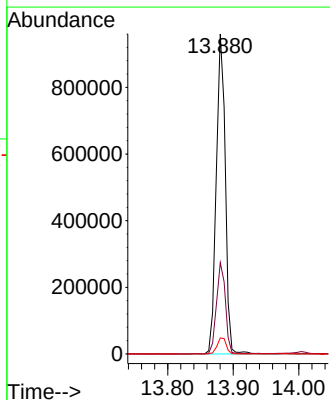
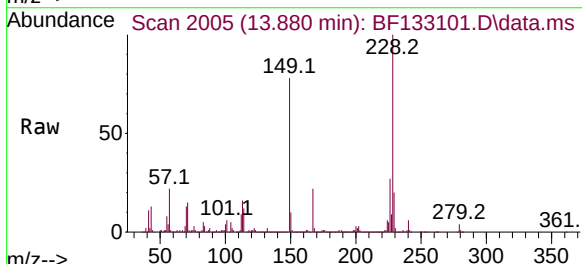
Manual Integrations
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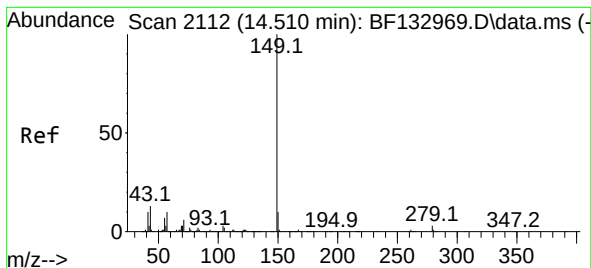
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.360 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

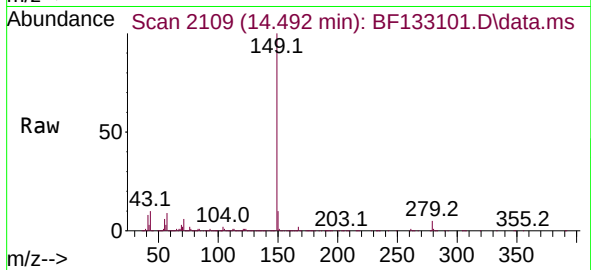
Tgt Ion:149 Resp: 915672
Ion Ratio Lower Upper
149 100
167 28.6 22.5 33.7
279 5.0 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 57.038 ng
RT: 14.492 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

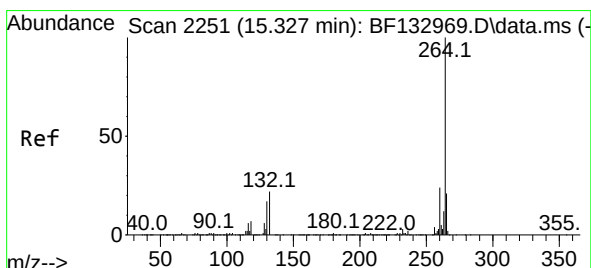
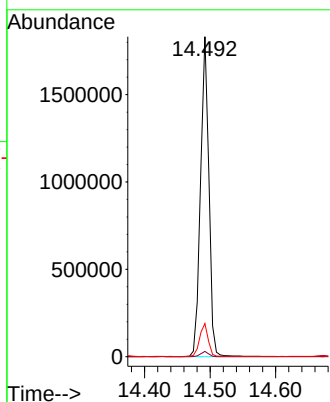
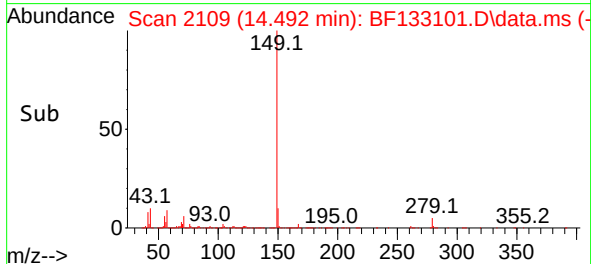
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:149 Resp: 162643
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 9.5 14.3

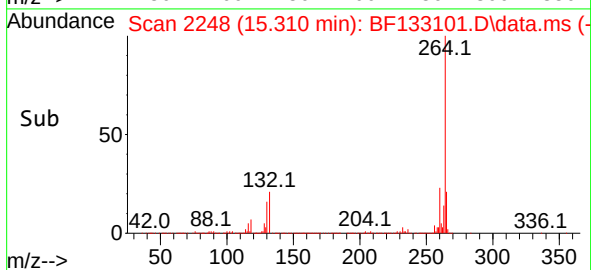
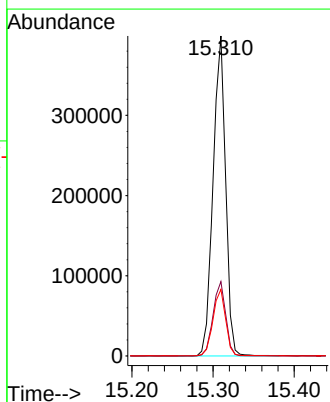
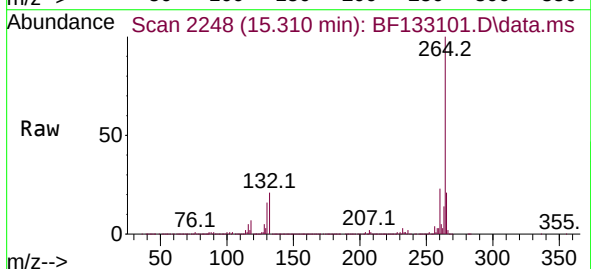
Manual Integrations
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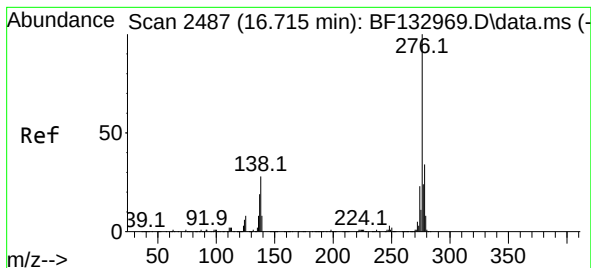
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.310 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

Tgt Ion:264 Resp: 428268
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.219 ng

RT: 16.692 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-01MS

Tgt Ion:276 Resp: 1272094

Ion Ratio Lower Upper

276 100

138 31.8 25.5 38.3

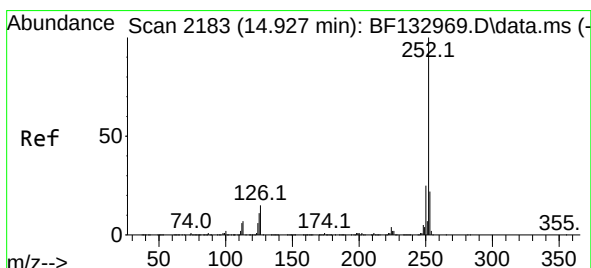
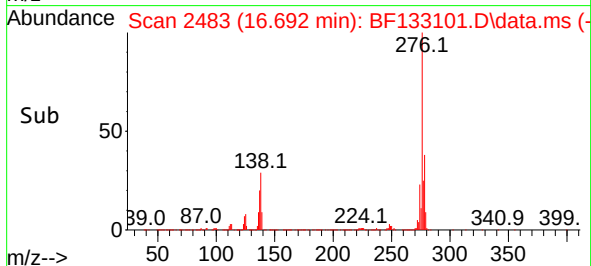
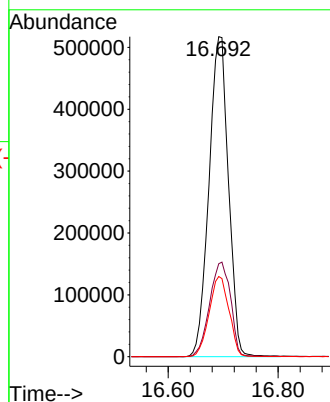
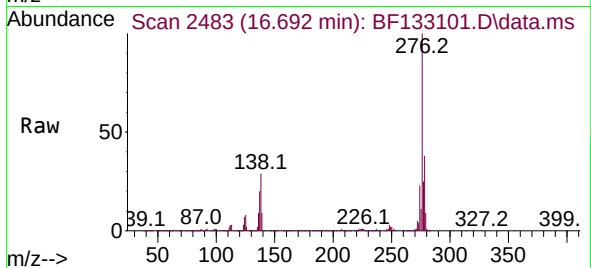
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#88

Benzo(b)fluoranthene

Concen: 47.195 ng

RT: 14.904 min Scan# 2179

Delta R.T. -0.006 min

Lab File: BF133101.D

Acq: 27 Apr 2023 15:51

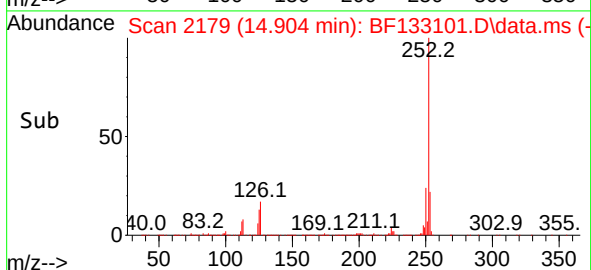
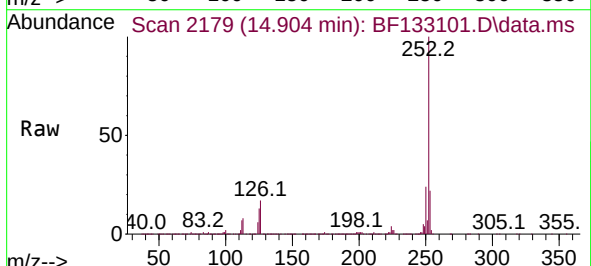
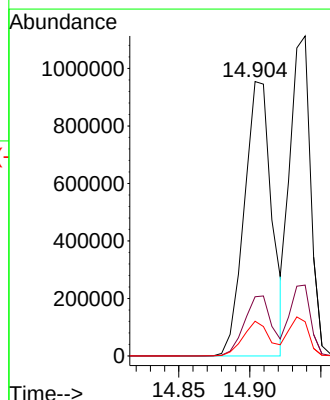
Tgt Ion:252 Resp: 1285867

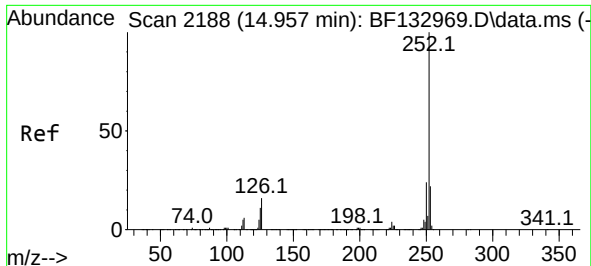
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

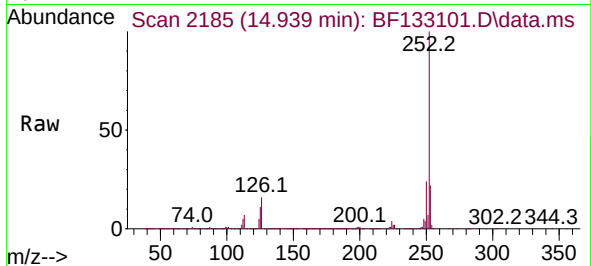
125 12.7 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 41.741 ng
RT: 14.939 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

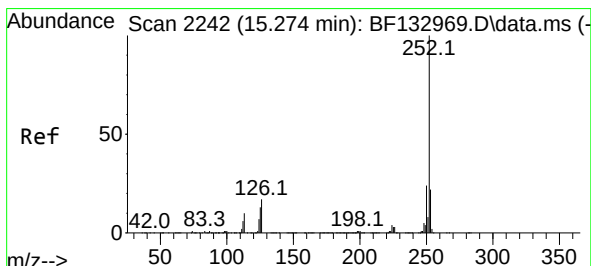
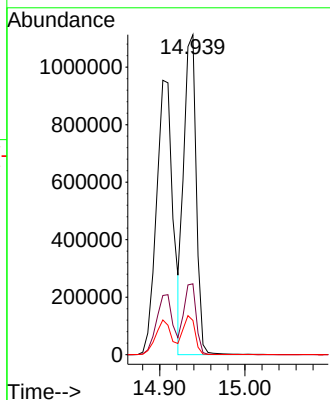
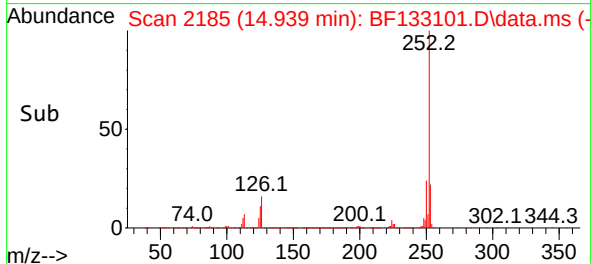
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



Tgt Ion:252 Resp: 112736
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.7 9.0 13.4

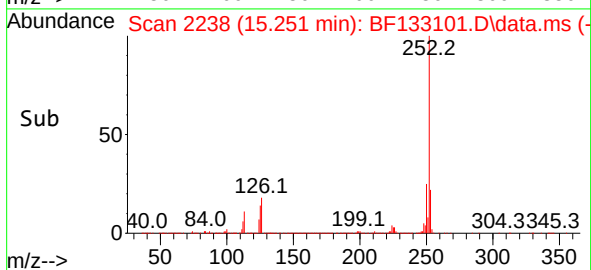
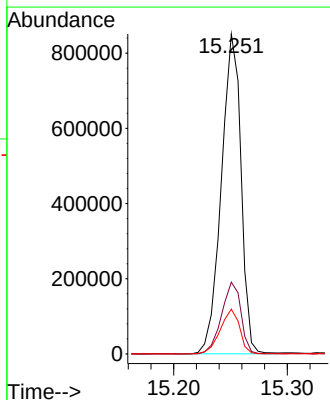
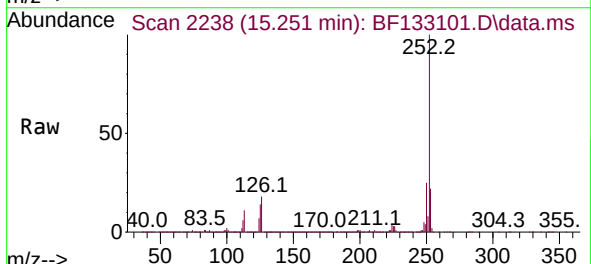
Manual Integrations
APPROVED

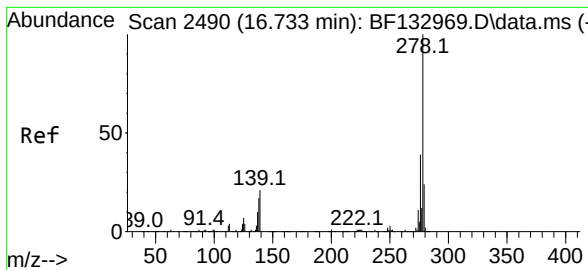
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#90
Benzo(a)pyrene
Concen: 41.348 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

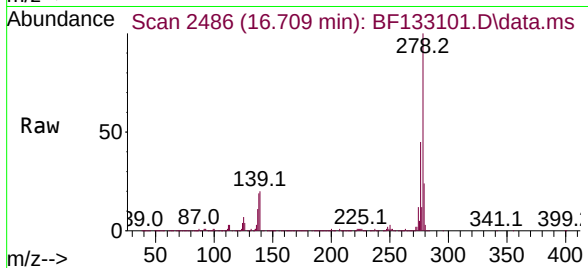
Tgt Ion:252 Resp: 1025417
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 14.0 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 52.300 ng
RT: 16.709 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51

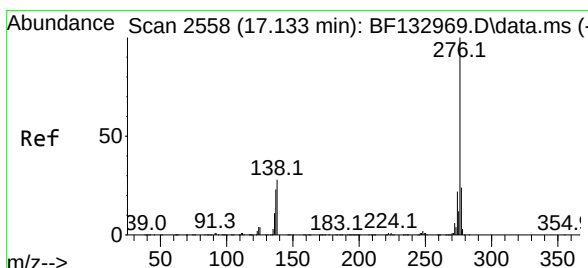
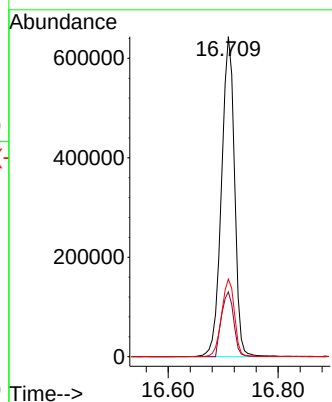
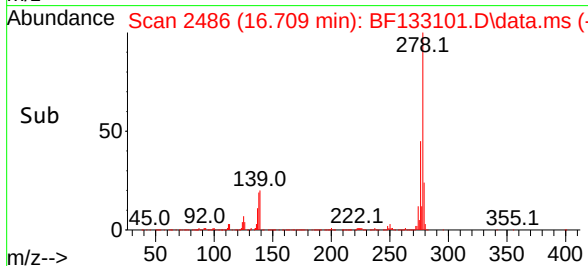
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS



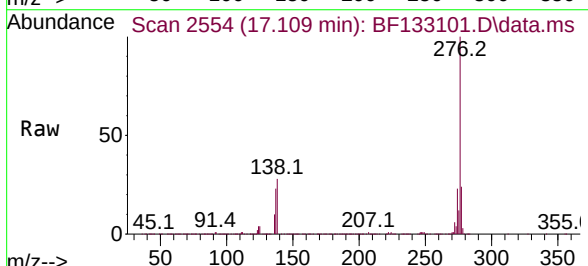
Tgt Ion:278 Resp: 1062638
Ion Ratio Lower Upper
278 100
139 20.2 16.6 24.8
279 24.2 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#92
Benzo(g,h,i)perylene
Concen: 53.160 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.006 min
Lab File: BF133101.D
Acq: 27 Apr 2023 15:51



Tgt Ion:276 Resp: 1066351
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 27.5 22.7 34.1

