

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133412.D
 Acq On : 17 May 2023 14:35
 Operator : CG\JU
 Sample : PB152851BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152851BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 17 17:11:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	263548	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1033104	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	528350	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	935152	20.000	ng	0.00
76) Chrysene-d12	13.880	240	576609	20.000	ng	0.00
86) Perylene-d12	15.298	264	569871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1613053	92.457	ng	0.00
7) Phenol-d6	6.369	99	1935076	89.361	ng	0.00
23) Nitrobenzene-d5	7.287	82	1183128	61.815	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	500044	94.107	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2087255	66.092	ng	0.00
79) Terphenyl-d14	12.828	244	2196389	65.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	308676	38.144	ng	94
3) Pyridine	3.163	79	734555	34.176	ng	97
4) n-Nitrosodimethylamine	3.128	42	372666	33.475	ng	87
6) Aniline	6.381	93	859350	30.811	ng	# 25
8) 2-Chlorophenol	6.504	128	721243	40.716	ng	97
9) Benzaldehyde	6.263	77	394977	39.289	ng	97
10) Phenol	6.381	94	864266	36.178	ng	# 73
11) bis(2-Chloroethyl)ether	6.457	93	686851	38.315	ng	97
12) 1,3-Dichlorobenzene	6.657	146	771991	40.991	ng	97
13) 1,4-Dichlorobenzene	6.734	146	780989	41.377	ng	99
14) 1,2-Dichlorobenzene	6.887	146	728393	41.858	ng	98
15) Benzyl Alcohol	6.869	79	545211	36.449	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1062630	34.128	ng	85
17) 2-Methylphenol	6.987	107	605172	37.310	ng	97
18) Hexachloroethane	7.228	117	273689	41.707	ng	97
19) n-Nitroso-di-n-propyla...	7.140	70	460878	34.187	ng	95
20) 3+4-Methylphenols	7.140	107	734596	38.457	ng	# 77
22) Acetophenone	7.128	105	991171	41.417	ng	# 92
24) Nitrobenzene	7.304	77	736017	37.949	ng	100
25) Isophorone	7.545	82	1390251	38.257	ng	99
26) 2-Nitrophenol	7.622	139	418311	44.717	ng	93
27) 2,4-Dimethylphenol	7.669	122	660780	41.194	ng	99
28) bis(2-Chloroethoxy)met...	7.757	93	829761	38.597	ng	100
29) 2,4-Dichlorophenol	7.869	162	610594	41.814	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	640746	42.355	ng	99
31) Naphthalene	8.028	128	2040079	39.497	ng	99
32) Benzoic acid	7.816	122	377485	38.098	ng	92
33) 4-Chloroaniline	8.075	127	588703	28.209	ng	99
34) Hexachlorobutadiene	8.140	225	344142	41.044	ng	98
35) Caprolactam	8.457	113	217690m	44.376	ng	
36) 4-Chloro-3-methylphenol	8.569	107	653617	41.507	ng	99
37) 2-Methylnaphthalene	8.716	142	1365438	38.667	ng	99
38) 1-Methylnaphthalene	8.816	142	1260702	38.163	ng	99
40) 1,2,4,5-Tetrachloroben...	8.887	216	571845	40.254	ng	99
41) Hexachlorocyclopentadiene	8.869	237	634684	76.607	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	398507	40.563	ng	97

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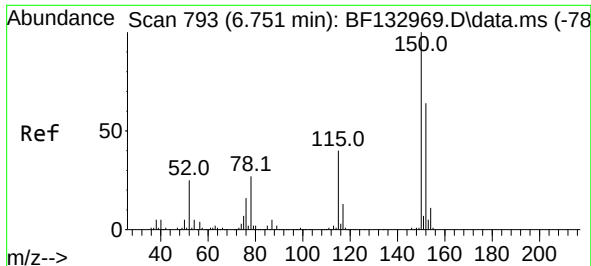
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	428680	37.729	ng	97
46) 1,1'-Biphenyl	9.181	154	1660975	39.645	ng	99
47) 2-Chloronaphthalene	9.204	162	1262609	41.174	ng	99
48) 2-Nitroaniline	9.304	65	389341	38.417	ng	97
49) Acenaphthylene	9.616	152	1923533	39.257	ng	100
50) Dimethylphthalate	9.487	163	1467616	39.837	ng	100
51) 2,6-Dinitrotoluene	9.545	165	348689	42.052	ng	95
52) Acenaphthene	9.792	154	1409682m	42.957	ng	
53) 3-Nitroaniline	9.716	138	305809	31.017	ng	98
54) 2,4-Dinitrophenol	9.828	184	343665	82.455	ng	97
55) Dibenzofuran	9.963	168	1668836	37.280	ng	98
56) 4-Nitrophenol	9.898	139	527733	69.110	ng	99
57) 2,4-Dinitrotoluene	9.957	165	421719	39.881	ng	# 95
58) Fluorene	10.304	166	1296030	39.517	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	350222	39.759	ng	98
60) Diethylphthalate	10.187	149	1345084	38.654	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	614798	38.467	ng	98
62) 4-Nitroaniline	10.334	138	387347	42.746	ng	96
63) Azobenzene	10.457	77	1345681	36.505	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	247145	43.602	ng	99
66) n-Nitrosodiphenylamine	10.422	169	1170879	38.600	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	390378	38.490	ng	98
68) Hexachlorobenzene	10.857	284	428264	41.208	ng	98
69) Atrazine	10.951	200	400165	45.783	ng	98
70) Pentachlorophenol	11.057	266	506495	68.431	ng	96
71) Phenanthrene	11.269	178	1921864	38.237	ng	99
72) Anthracene	11.316	178	1991890	38.725	ng	99
73) Carbazole	11.475	167	1793073	39.149	ng	99
74) Di-n-butylphthalate	11.804	149	2114307	40.792	ng	100
75) Fluoranthene	12.451	202	1934389	38.348	ng	99
77) Benzidine	12.575	184	1152033	118.148	ng	# 93
78) Pyrene	12.680	202	1975110	39.959	ng	99
80) Butylbenzylphthalate	13.304	149	853171	48.749	ng	98
81) Benzo(a)anthracene	13.869	228	1478541	37.288	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	374294	34.170	ng	99
83) Chrysene	13.910	228	1476492	37.246	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	993632	45.232	ng	99
85) Di-n-octyl phthalate	14.474	149	1598535	44.628	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1381267	42.611	ng	99
88) Benzo(b)fluoranthene	14.898	252	1365238	37.657	ng	99
89) Benzo(k)fluoranthene	14.927	252	1265207	35.205	ng	100
90) Benzo(a)pyrene	15.245	252	1145187	34.704	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1127016	41.686	ng	99
92) Benzo(g,h,i)perylene	17.104	276	1155941	43.307	ng	98

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



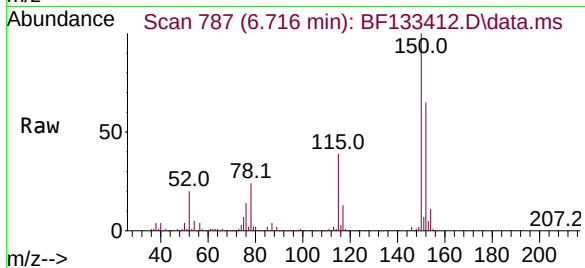
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

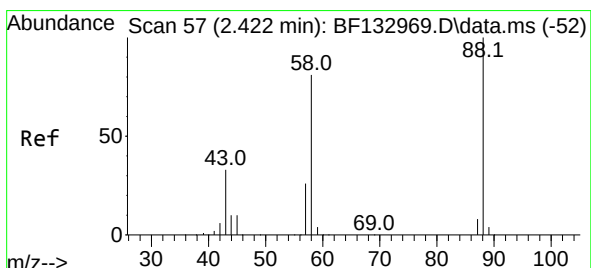
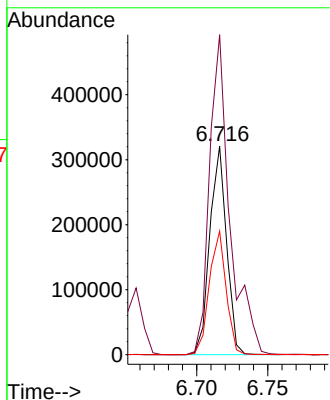
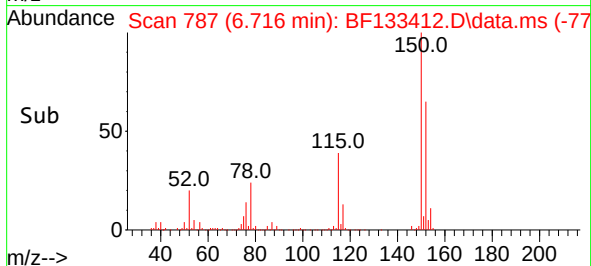


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Ion Ratio Lower Upper
152 100
150 153.4 124.8 187.2
115 59.2 49.9 74.9

Manual Integrations

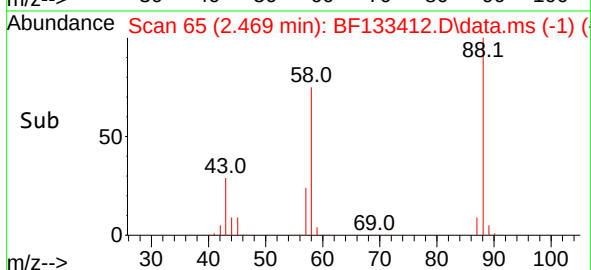
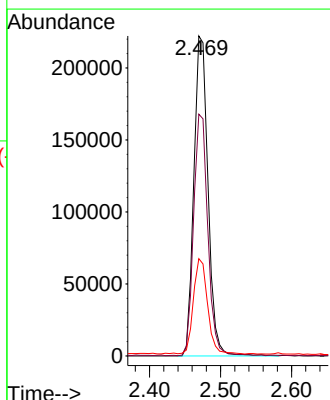
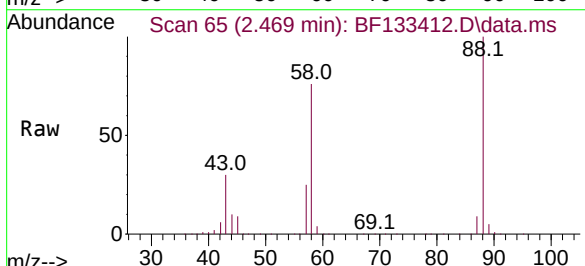
APPROVED

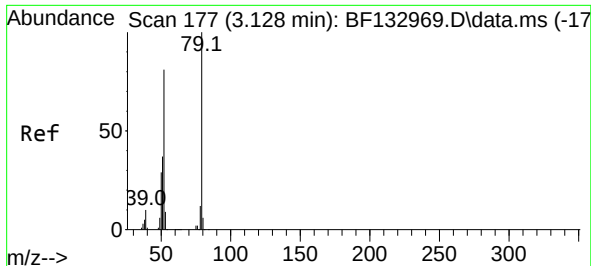
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#2
1,4-Dioxane
Concen: 38.144 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.100 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

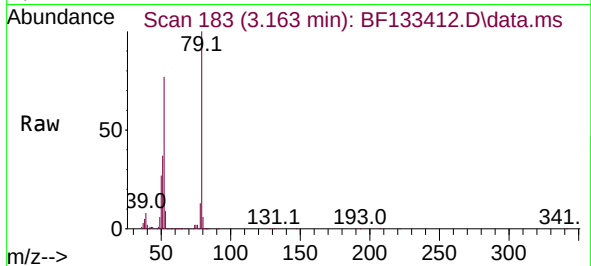
Tgt Ion: 88 Resp: 308676
Ion Ratio Lower Upper
88 100
58 75.8 64.7 97.1
43 29.9 26.2 39.2





#3
Pyridine
Concen: 34.176 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

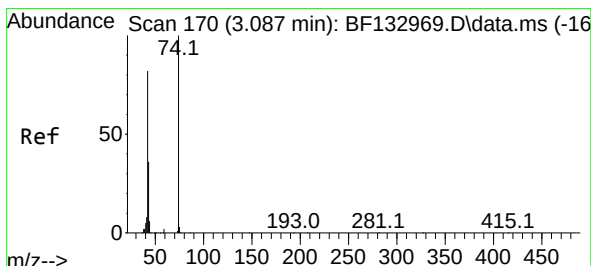
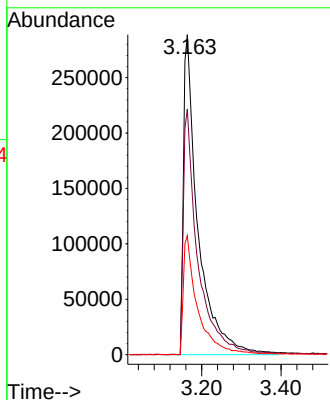
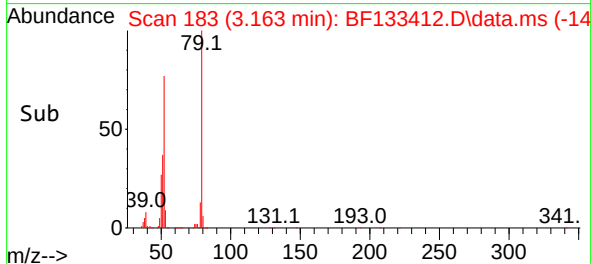
Instrument :
BNA_F
ClientSampleId :
PB152851BS



Tgt Ion: 79 Resp: 73455
Ion Ratio Lower Upper
79 100
52 76.7 64.6 96.8
51 37.2 30.0 45.0

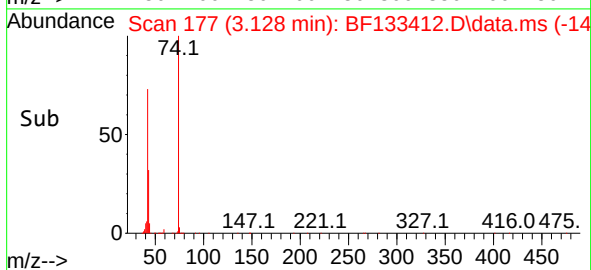
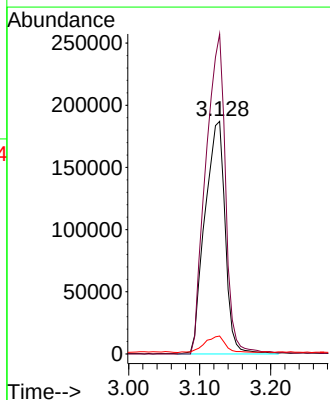
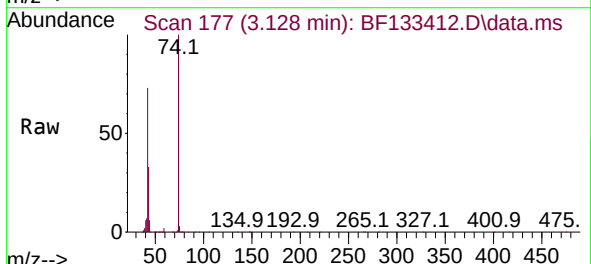
Manual Integrations
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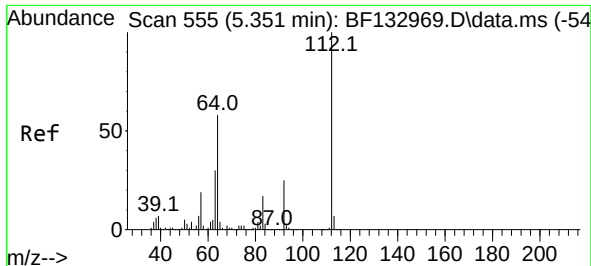
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#4
n-Nitrosodimethylamine
Concen: 33.475 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.100 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

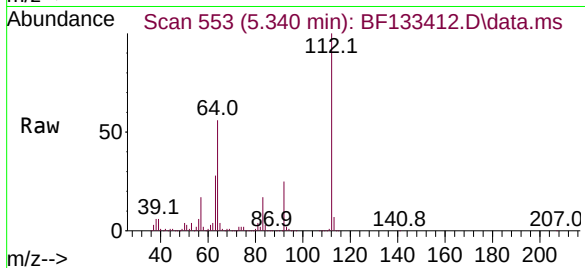
Tgt Ion: 42 Resp: 372666
Ion Ratio Lower Upper
42 100
74 137.5 98.0 147.0
44 7.7 5.8 8.8





#5
2-Fluorophenol
Concen: 92.457 ng
RT: 5.340 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

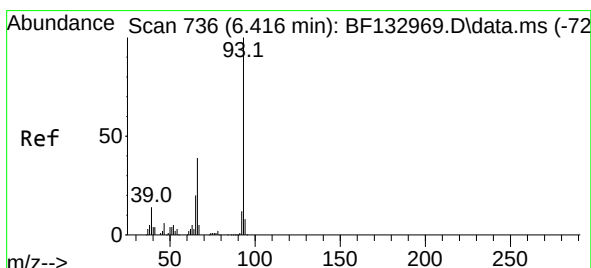
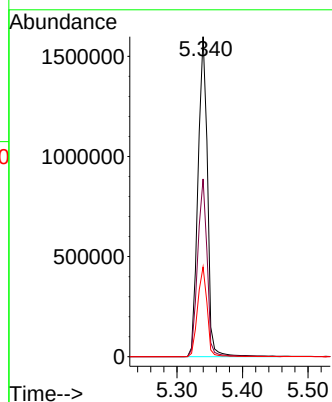
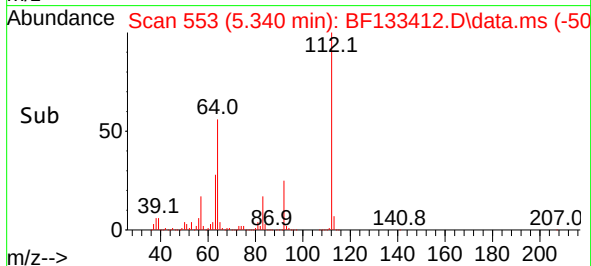
Instrument :
BNA_F
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Tgt Ion:112 Resp: 161305
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.1 23.8 35.8

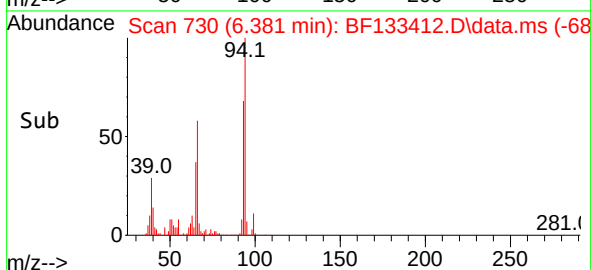
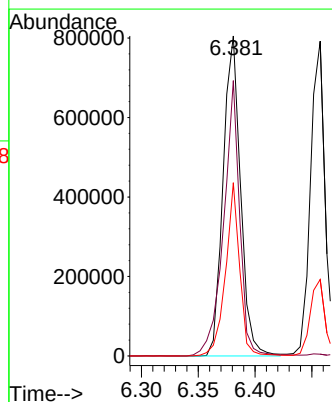
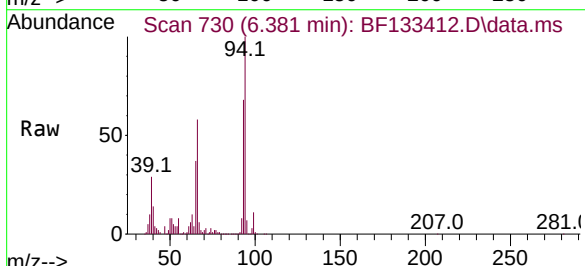
Manual Integrations
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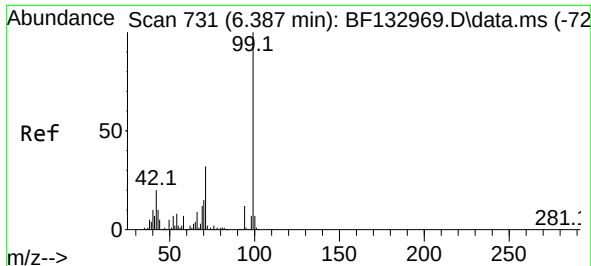
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#6
Aniline
Concen: 30.811 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion: 93 Resp: 859350
Ion Ratio Lower Upper
93 100
66 86.1 31.5 47.3#
65 54.2 16.4 24.6#





#7

Phenol-d6

Concen: 89.361 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

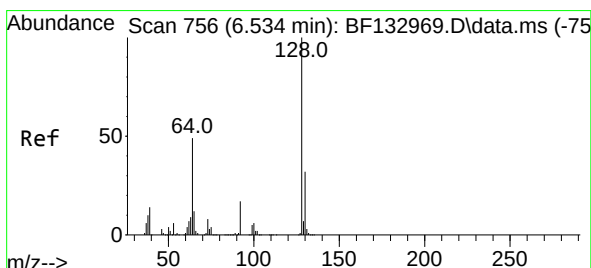
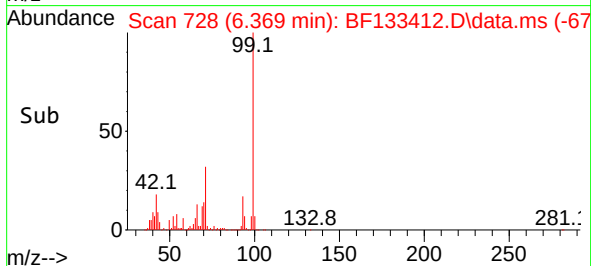
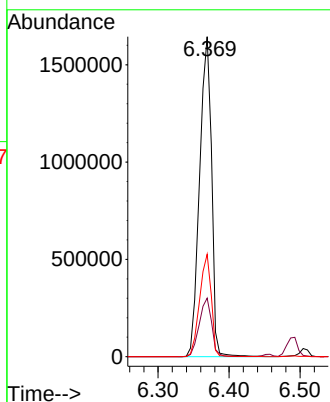
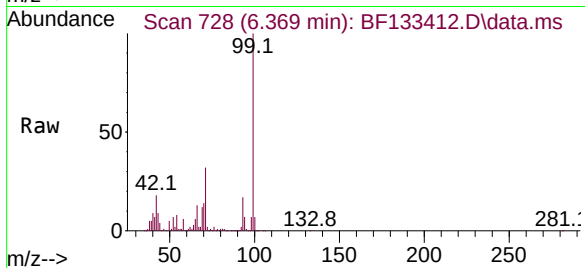
Tgt Ion: 99 Resp: 1935070

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	32.0	25.6	38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.716 ng

RT: 6.504 min Scan# 751

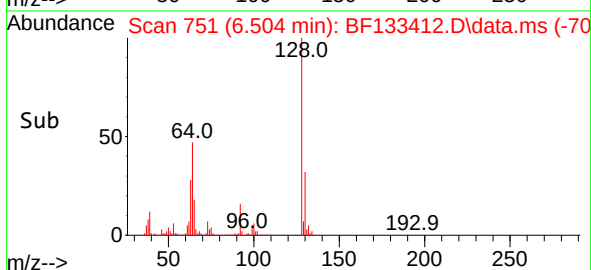
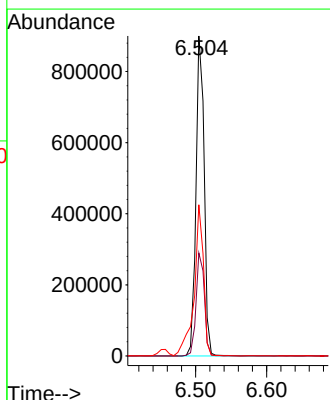
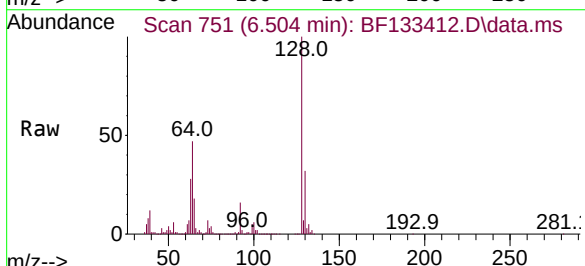
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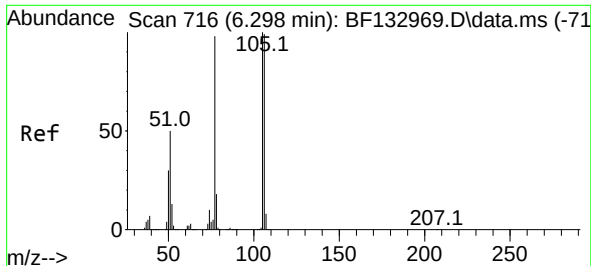
Lab File: BF133412.D

Acq: 17 May 2023 14:35

Tgt Ion:128 Resp: 721243

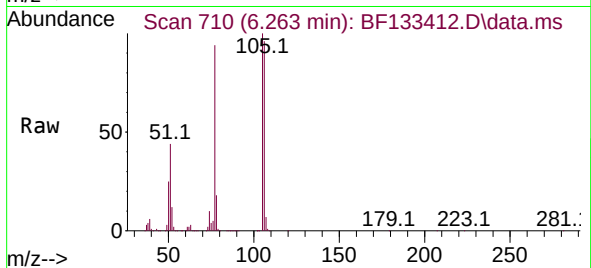
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	47.2	30.3	70.3





#9
Benzaldehyde
Concen: 39.289 ng
RT: 6.263 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

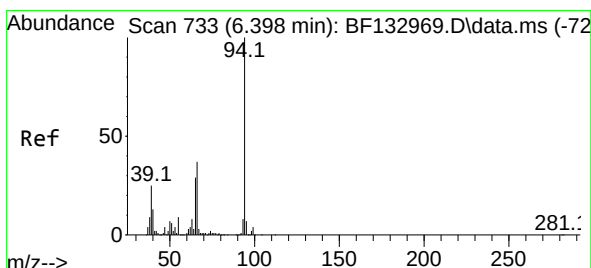
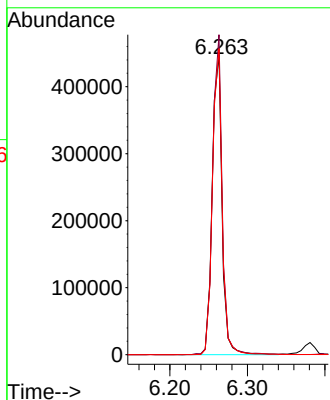
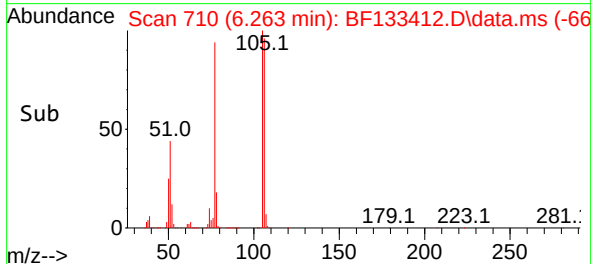
Instrument :
BNA_F
ClientSampleId :
PB152851BS



Tgt Ion: 77 Resp: 394977
Ion Ratio Lower Upper
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105 106.8 82.3 122.3
106 102.2 80.8 120.8

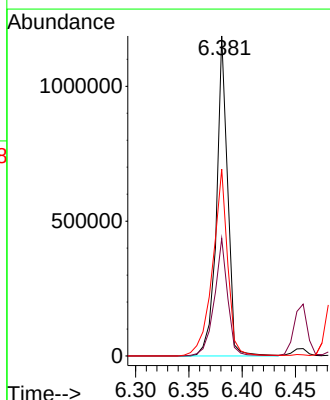
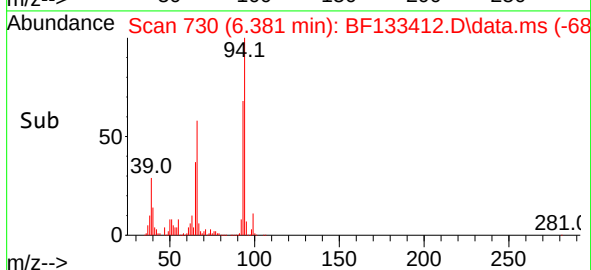
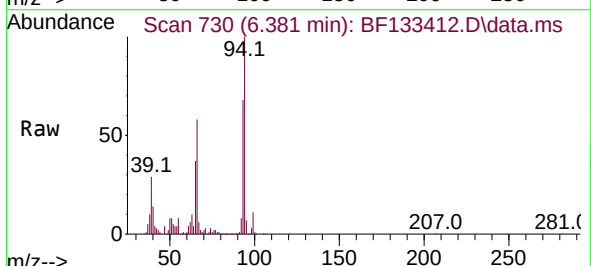
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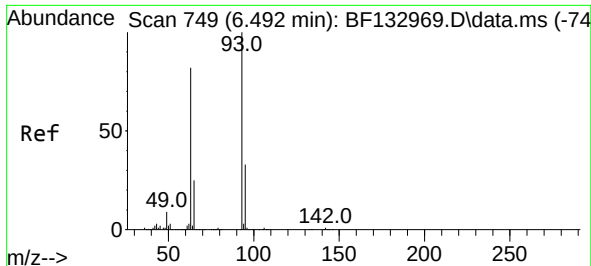
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#10
Phenol
Concen: 36.178 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

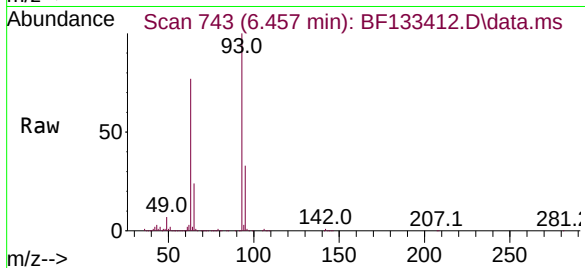
Tgt Ion: 94 Resp: 864266
Ion Ratio Lower Upper
94 100
65 36.7 8.6 48.6
66 58.4 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 38.315 ng
RT: 6.457 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

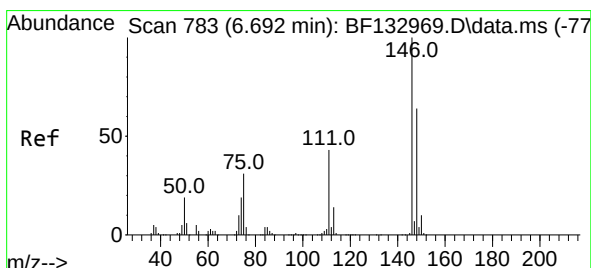
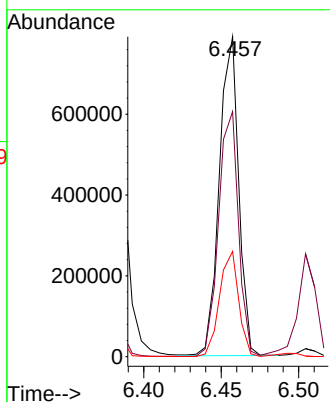
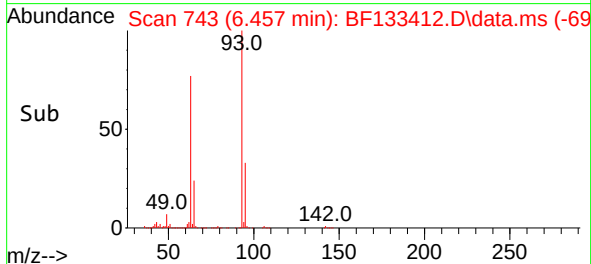
Instrument :
BNA_F
ClientSampleId :
PB152851BS



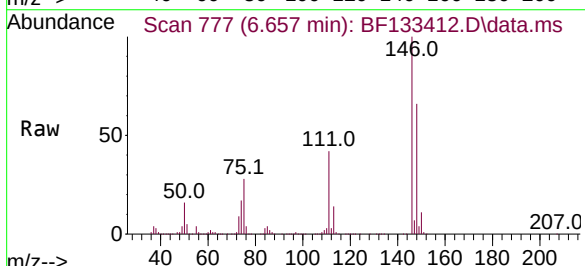
Tgt Ion: 93 Resp: 68685
Ion Ratio Lower Upper
93 100
63 76.6 60.6 100.6
95 32.9 12.9 52.9

Manual Integrations
APPROVED

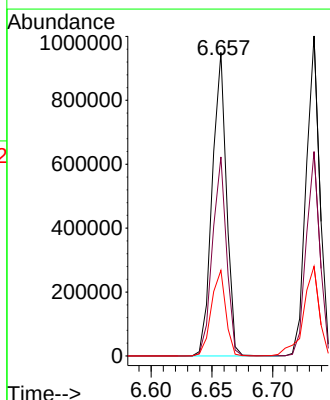
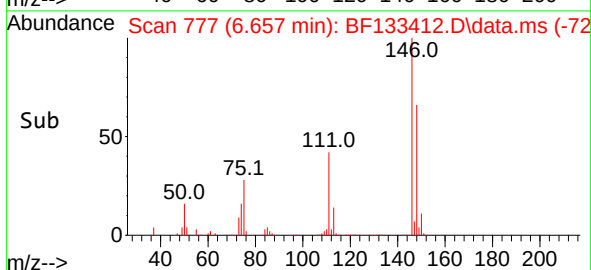
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

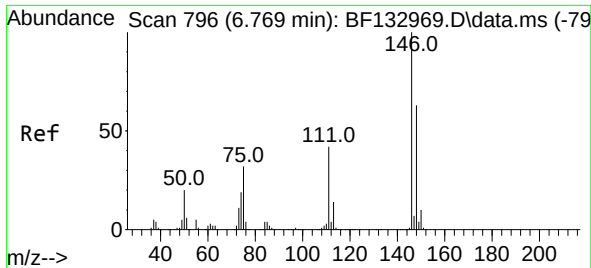


#12
1,3-Dichlorobenzene
Concen: 40.991 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:146 Resp: 771991
Ion Ratio Lower Upper
146 100
148 65.6 51.0 76.4
75 28.2 24.8 37.2





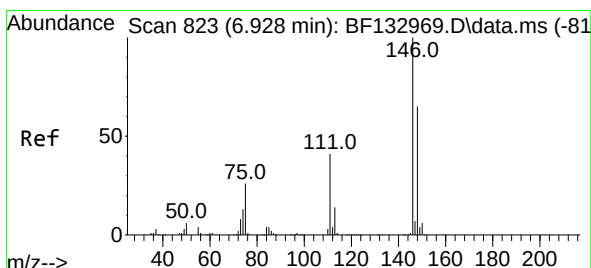
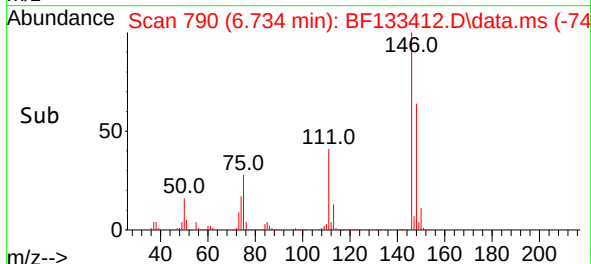
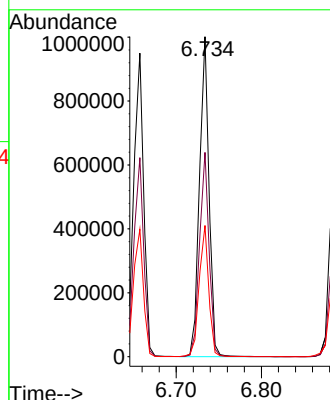
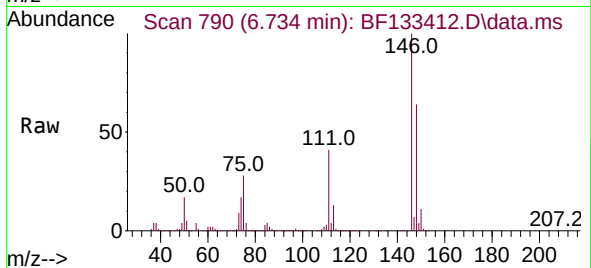
#13
1,4-Dichlorobenzene
Concen: 41.377 ng
RT: 6.734 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :
PB152851BS

Tgt Ion:146 Resp: 780989
Ion Ratio Lower Upper
146 100
148 63.8 50.3 75.5
111 41.0 33.8 50.6

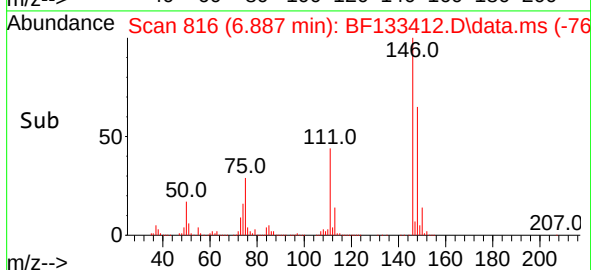
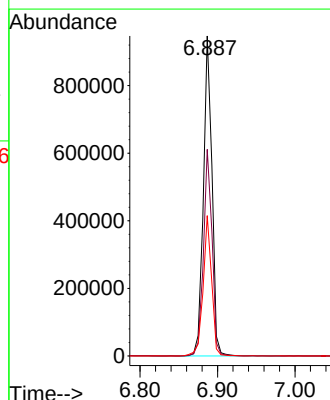
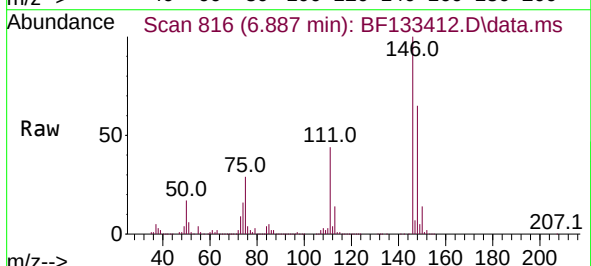
Manual Integrations
APPROVED

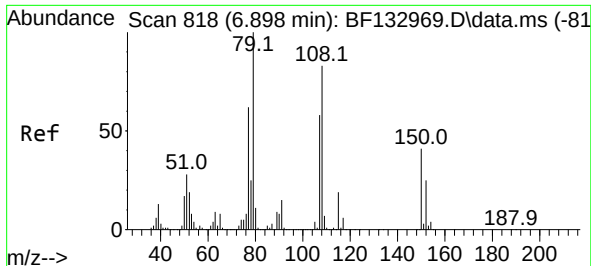
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#14
1,2-Dichlorobenzene
Concen: 41.858 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

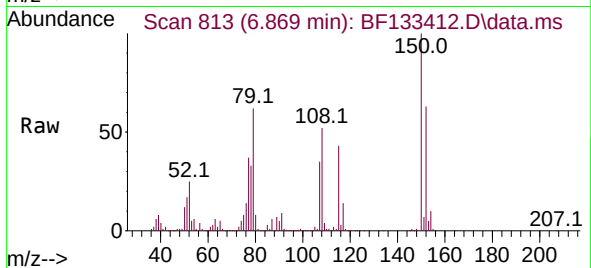
Tgt Ion:146 Resp: 728393
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.2
111 43.8 32.8 49.2





#15
Benzyl Alcohol
Concen: 36.449 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

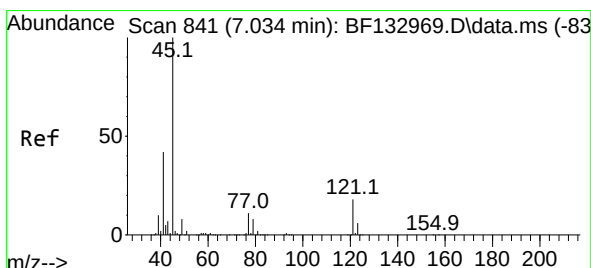
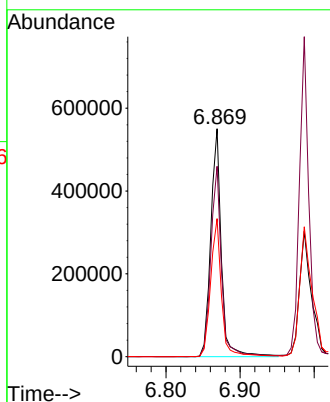
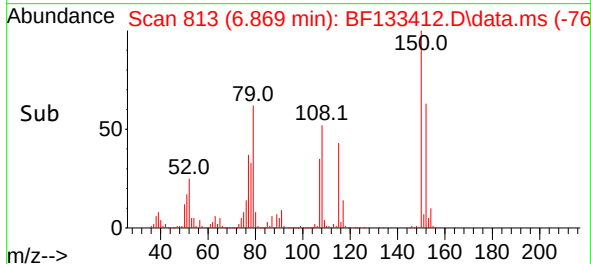
Instrument :
BNA_F
ClientSampleId :
PB152851BS



Tgt Ion: 79 Resp: 54521
Ion Ratio Lower Upper
79 100
108 83.5 66.6 99.8
77 60.6 49.2 73.8

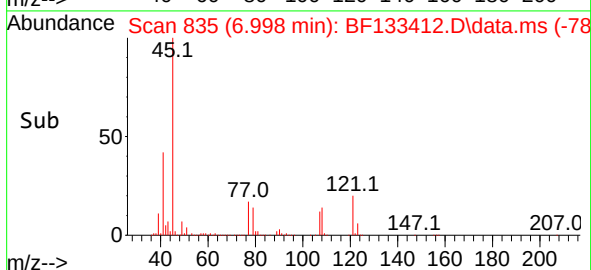
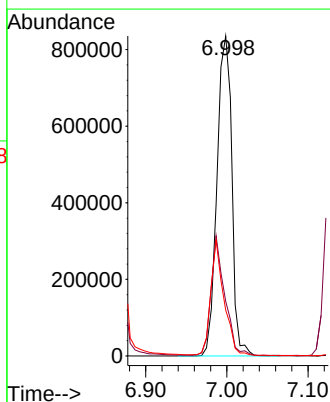
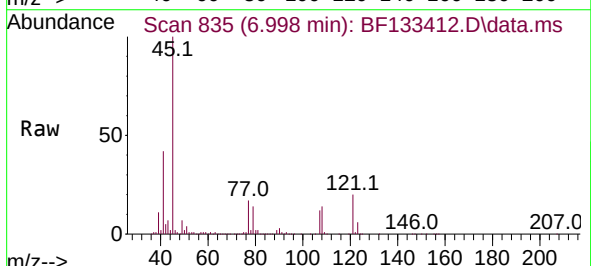
Manual Integrations
APPROVED

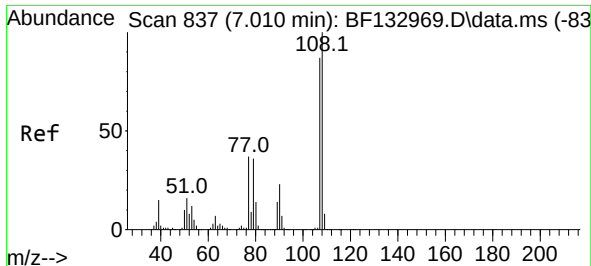
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.128 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion: 45 Resp: 1062630
Ion Ratio Lower Upper
45 100
77 17.1 0.0 31.5
79 14.3 0.0 28.7





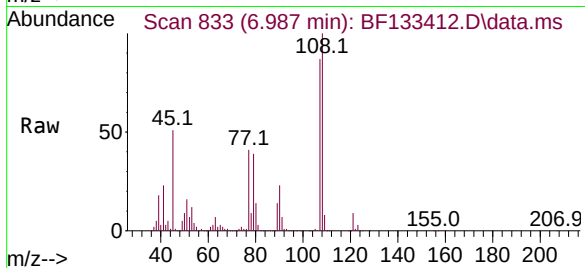
#17
2-Methylphenol
Concen: 37.310 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

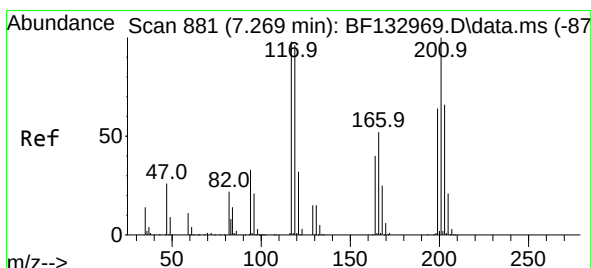
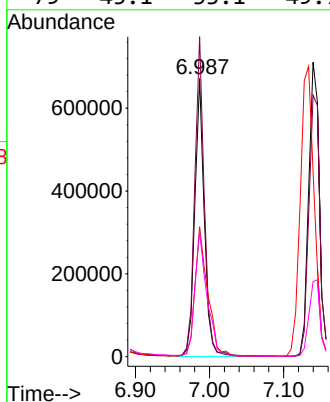
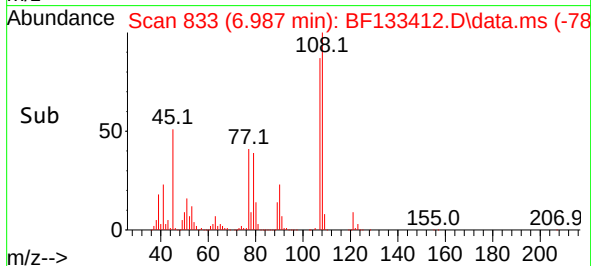


Tgt Ion:107 Resp: 605172
Ion Ratio Lower Upper
107 100
108 115.1 92.4 138.6
77 46.7 33.8 50.8
79 45.1 33.1 49.7

Manual Integrations

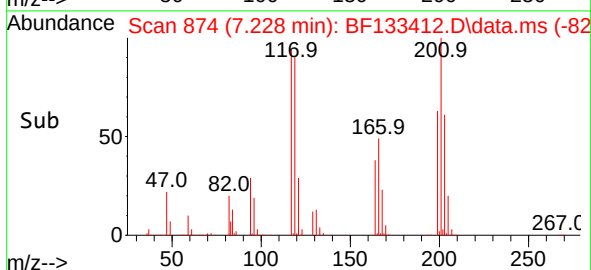
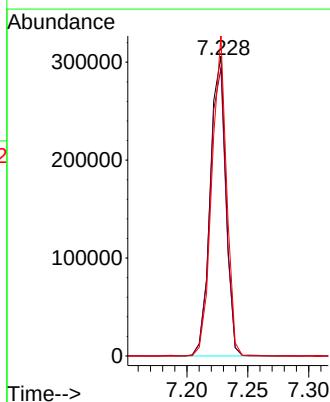
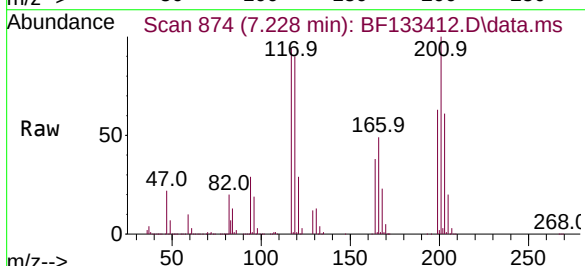
APPROVED

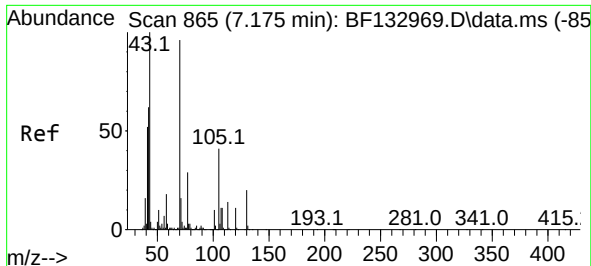
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#18
Hexachloroethane
Concen: 41.707 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:117 Resp: 273689
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.4
201 106.8 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.187 ng

RT: 7.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF133412.D

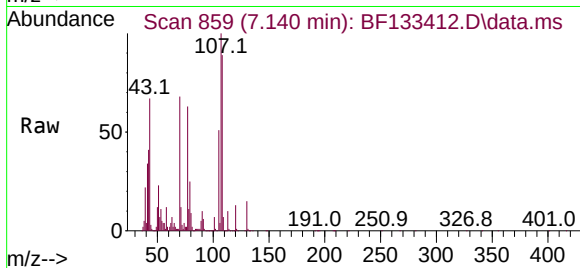
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS



Tgt Ion: 70 Resp: 460878

Ion Ratio Lower Upper

70 100

42 60.3 51.8 77.6

101 10.6 8.0 12.0

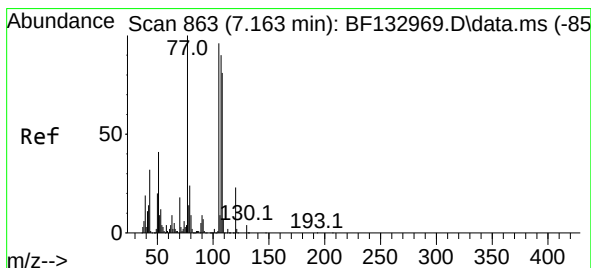
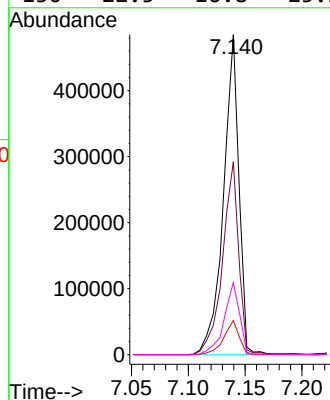
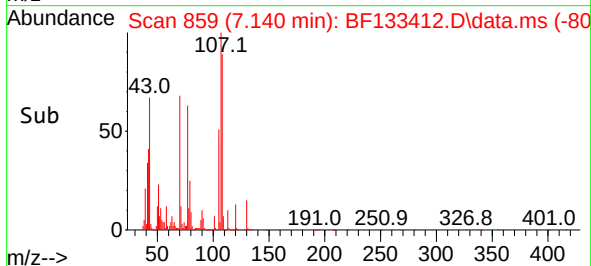
130 22.5 16.8 25.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#20

3+4-Methylphenols

Concen: 38.457 ng

RT: 7.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Tgt Ion:107 Resp: 734596

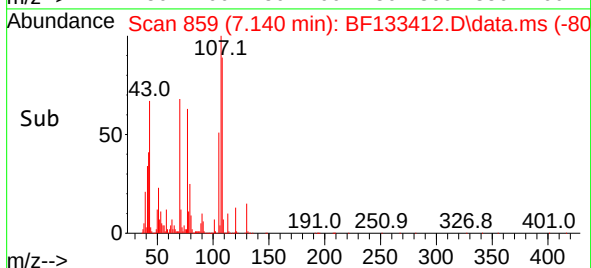
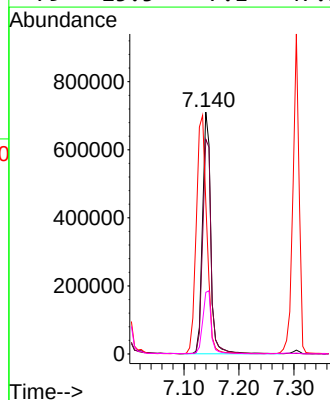
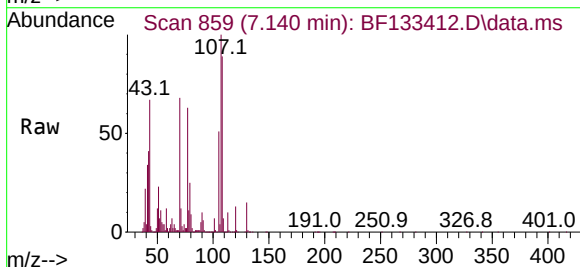
Ion Ratio Lower Upper

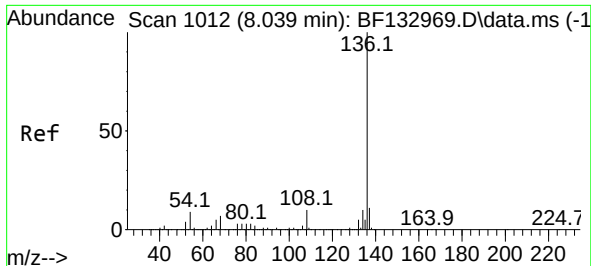
107 100

108 88.7 70.5 110.5

77 62.8 91.7 131.7#

79 25.5 7.1 47.1





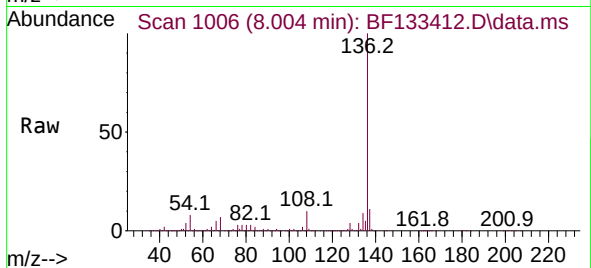
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

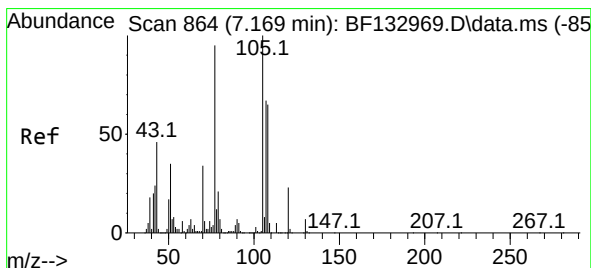
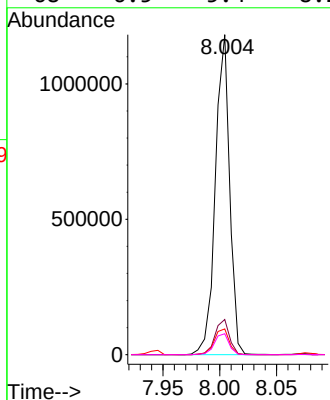
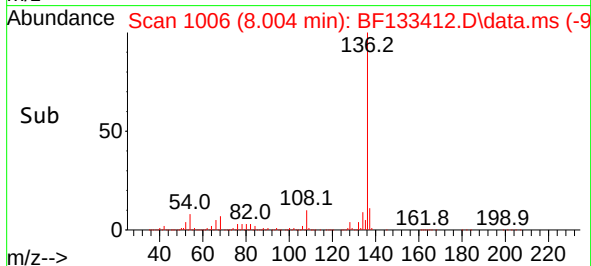


Tgt Ion:136 Resp: 1033104
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 7.0 10.4
68 6.5 5.4 8.2

Manual Integrations

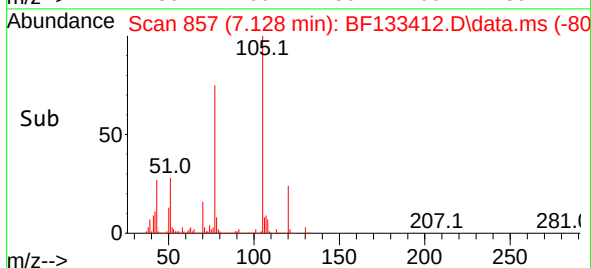
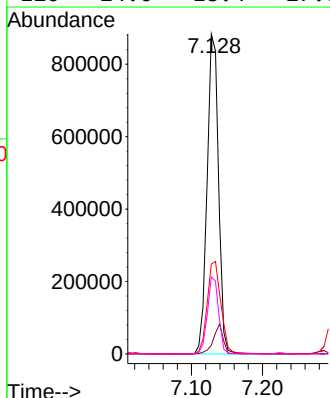
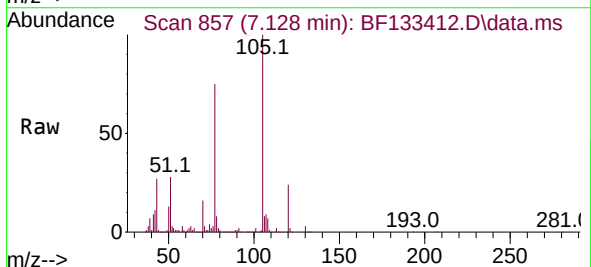
APPROVED

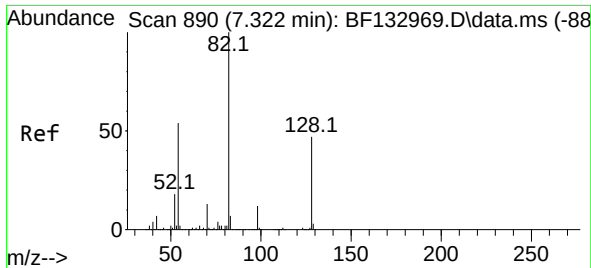
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#22
Acetophenone
Concen: 41.417 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:105 Resp: 991171
Ion Ratio Lower Upper
105 100
71 2.7 4.6 7.0#
51 28.1 28.2 42.2#
120 24.0 18.4 27.6





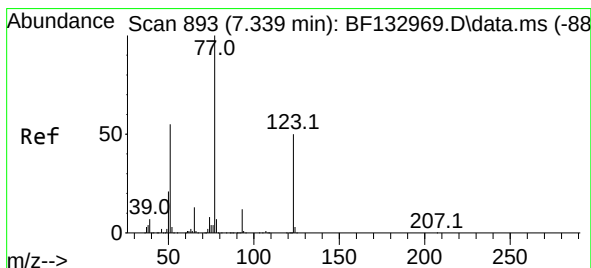
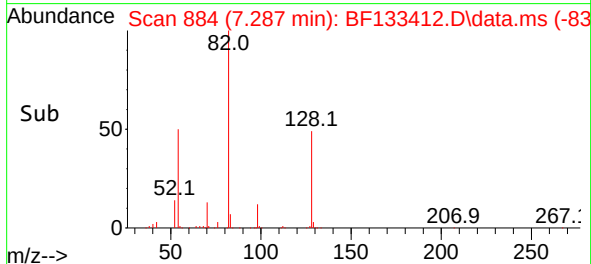
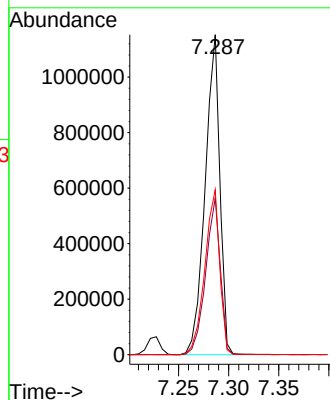
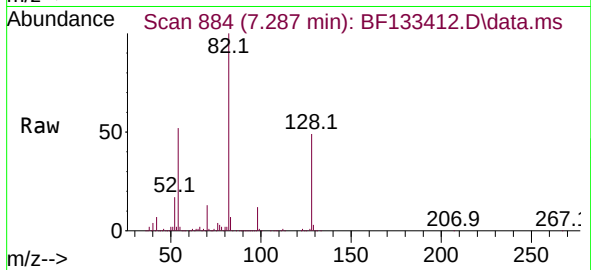
#23
Nitrobenzene-d5
Concen: 61.815 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :
PB152851BS

Tgt Ion: 82 Resp: 1183128
Ion Ratio Lower Upper
82 100
128 49.0 37.7 56.5
54 51.5 43.0 64.4

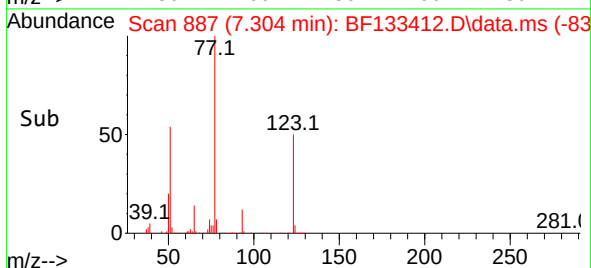
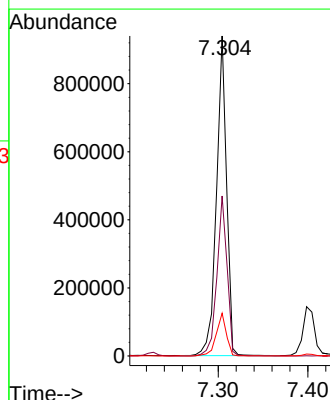
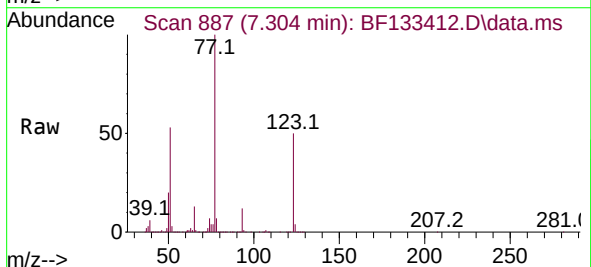
Manual Integrations
APPROVED

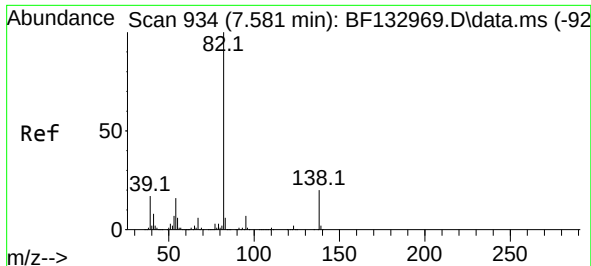
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#24
Nitrobenzene
Concen: 37.949 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

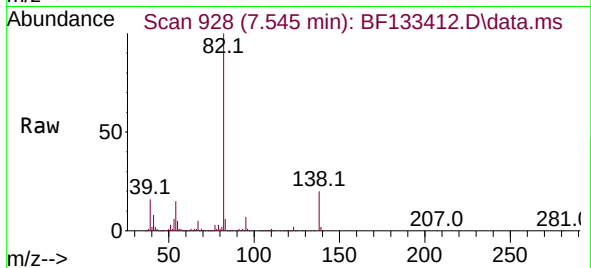
Tgt Ion: 77 Resp: 736017
Ion Ratio Lower Upper
77 100
123 50.0 39.9 59.9
65 13.4 10.7 16.1





#25
Isophorone
Concen: 38.257 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

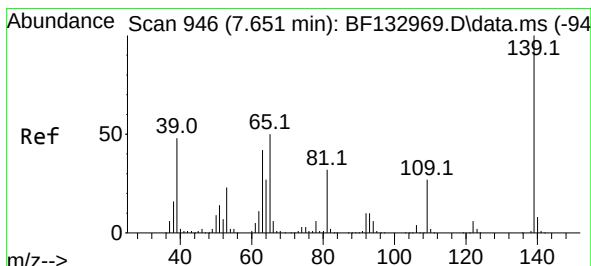
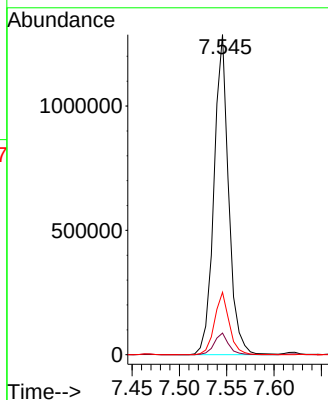
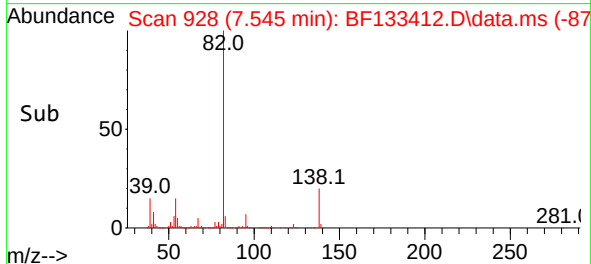
Instrument :
BNA_F
ClientSampleId :
PB152851BS



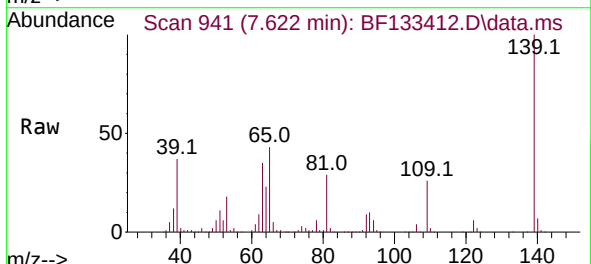
Tgt Ion: 82 Resp: 139025
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.5 16.0 24.0

Manual Integrations
APPROVED

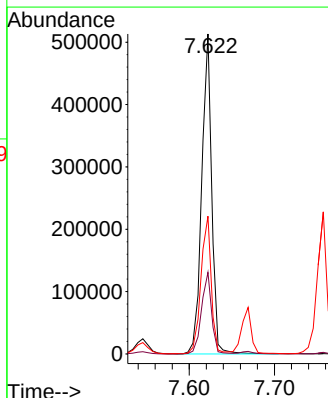
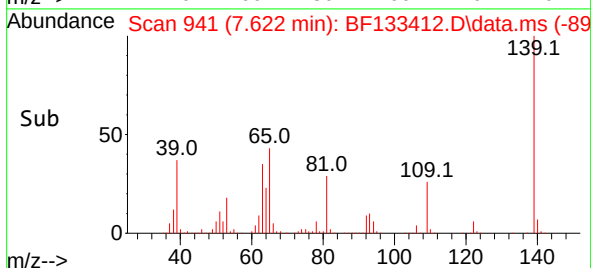
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

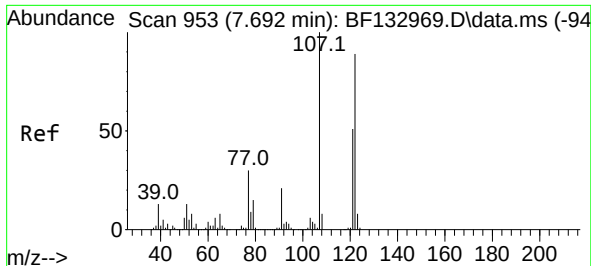


#26
2-Nitrophenol
Concen: 44.717 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:139 Resp: 418311
Ion Ratio Lower Upper
139 100
109 25.5 21.6 32.4
65 43.1 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 41.194 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

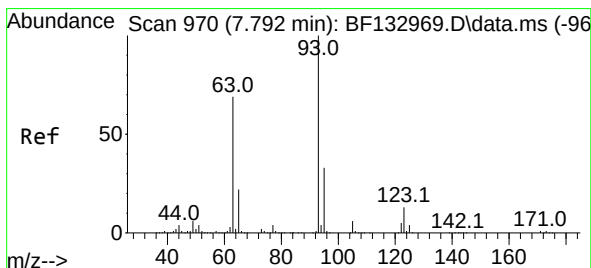
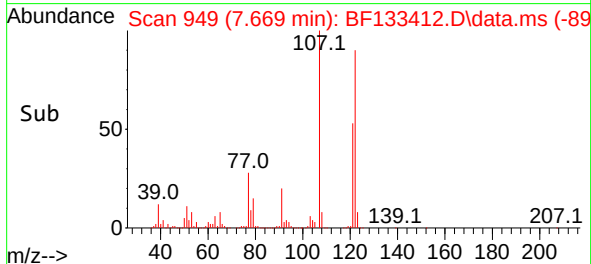
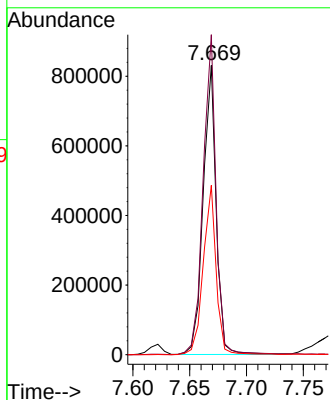
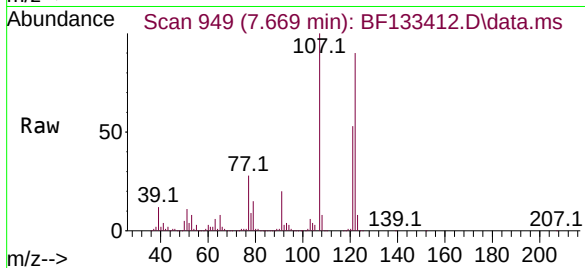
PB152851BS

Tgt Ion:122 Resp: 660780
 Ion Ratio Lower Upper
 122 100
 107 110.6 89.7 134.5
 121 58.5 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.597 ng

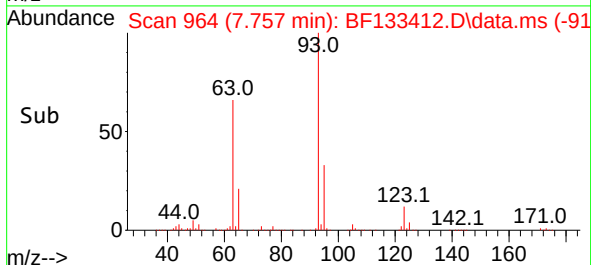
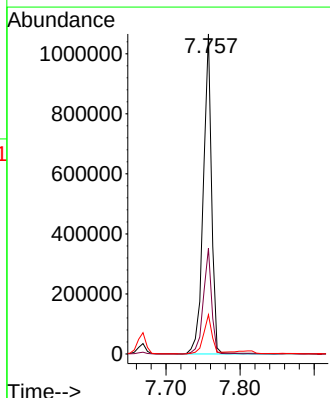
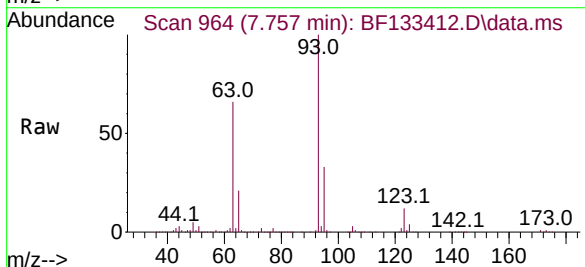
RT: 7.757 min Scan# 964

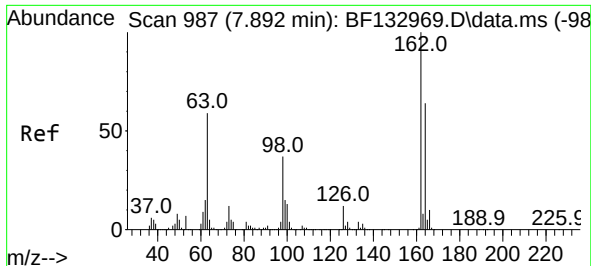
Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Tgt Ion: 93 Resp: 829761
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 12.2 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 41.814 ng

RT: 7.869 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

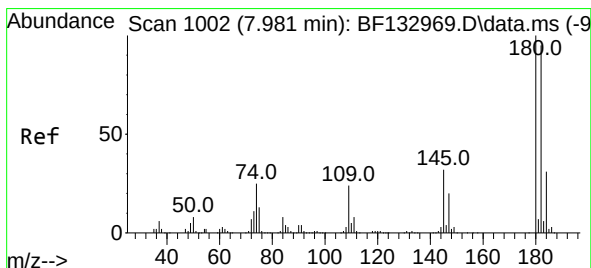
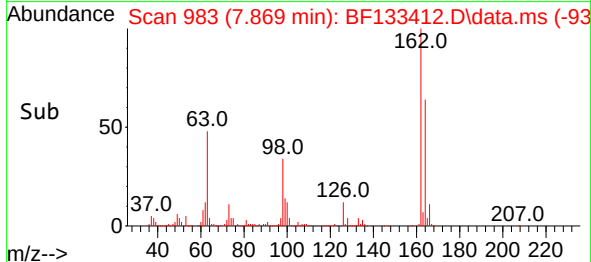
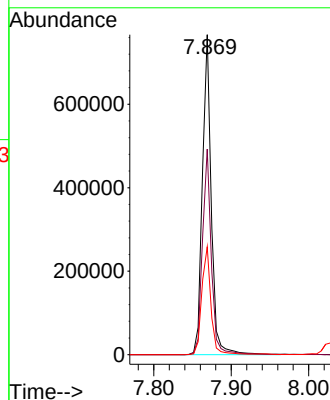
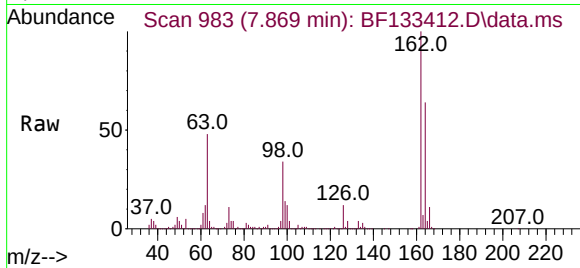
PB152851BS

Tgt Ion:162 Resp: 610594
 Ion Ratio Lower Upper
 162 100
 164 64.2 43.9 83.9
 98 33.7 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.355 ng

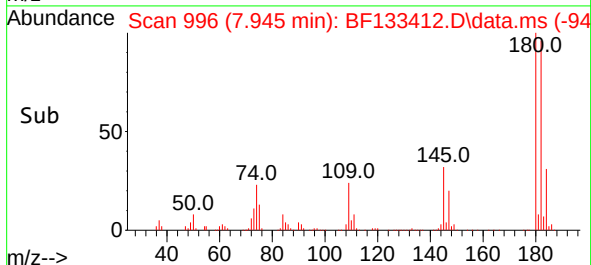
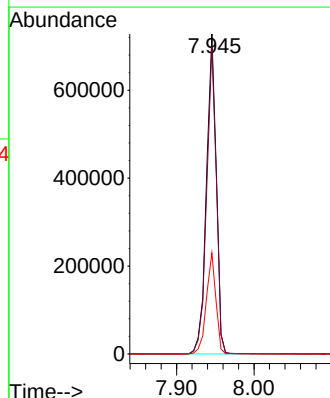
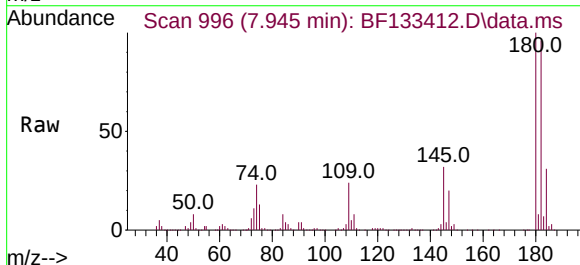
RT: 7.945 min Scan# 996

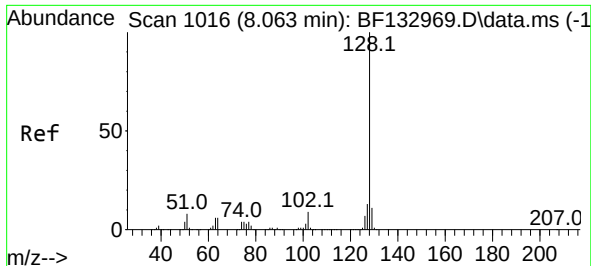
Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Tgt Ion:180 Resp: 640746
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.9 113.9
 145 31.6 25.3 37.9





#31
Naphthalene
Concen: 39.497 ng
RT: 8.028 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

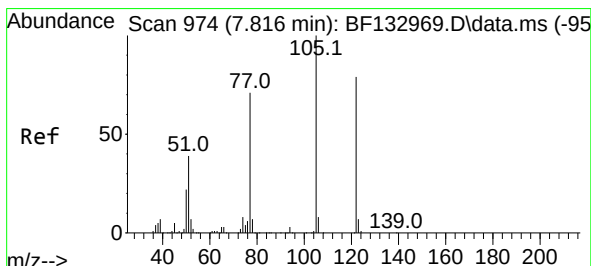
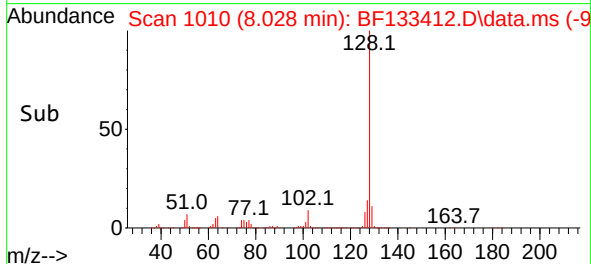
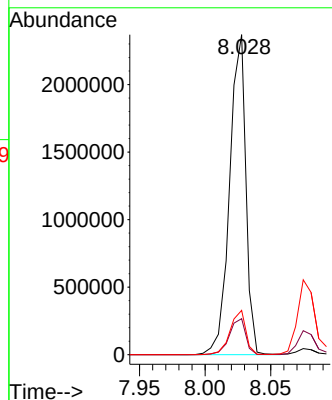
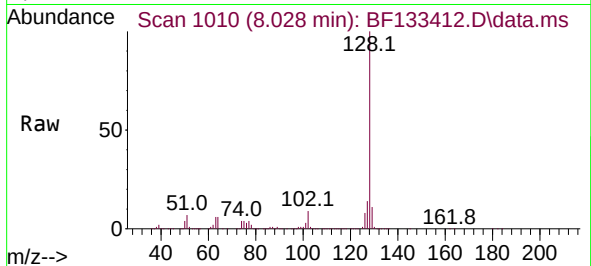
PB152851BS

Tgt Ion:128 Resp: 2040079
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.9 10.7 16.1

Manual Integrations

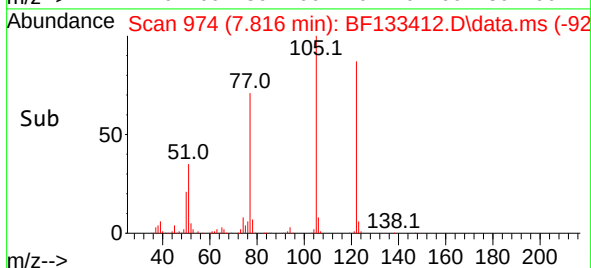
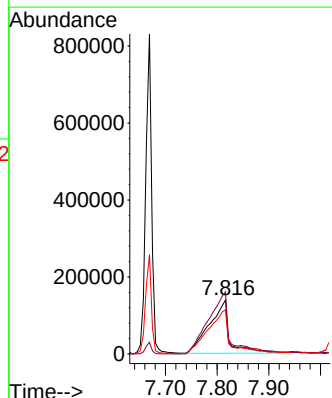
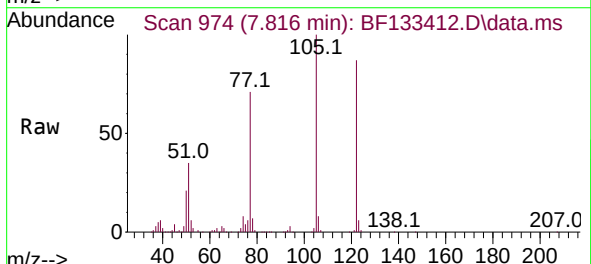
APPROVED

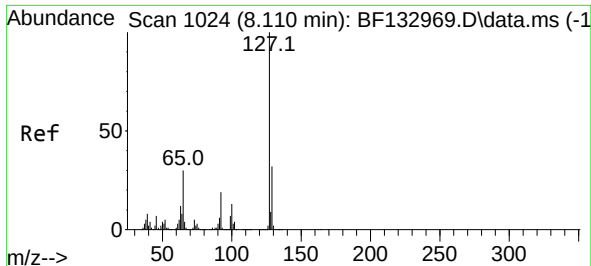
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#32
Benzoic acid
Concen: 38.098 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:122 Resp: 377485
Ion Ratio Lower Upper
122 100
105 115.0 104.2 144.2
77 81.7 69.7 109.7





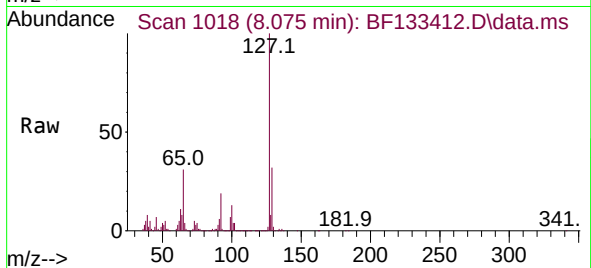
#33
4-Chloroaniline
Concen: 28.209 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

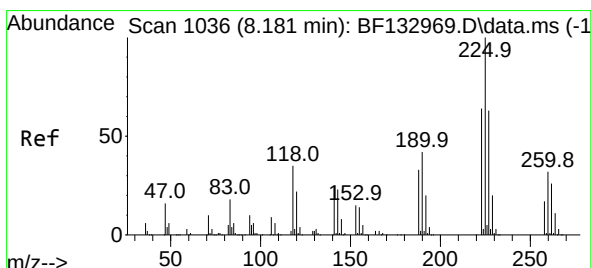
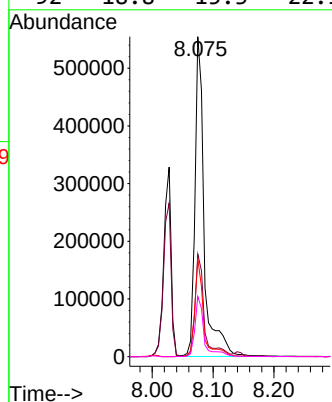
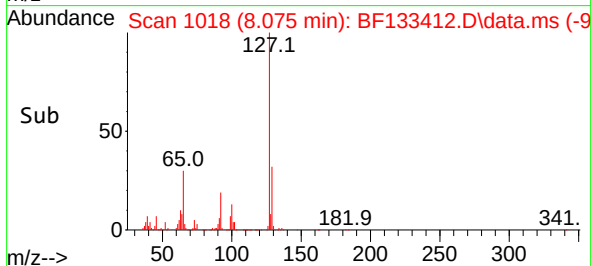


Tgt Ion:127 Resp: 58870
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8
65 30.6 23.6 35.4
92 18.8 15.3 22.9

Manual Integrations

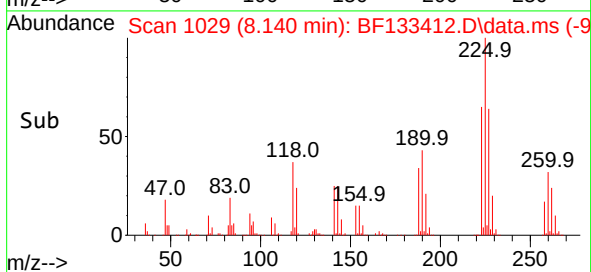
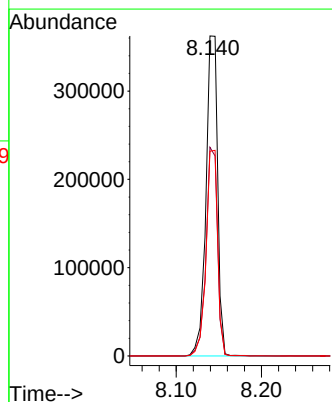
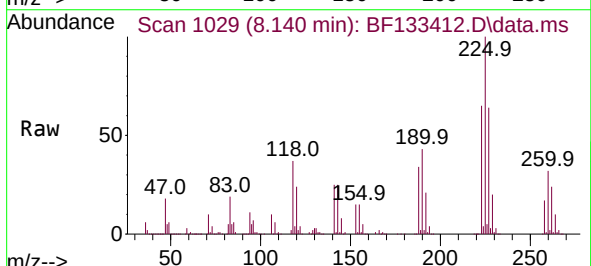
APPROVED

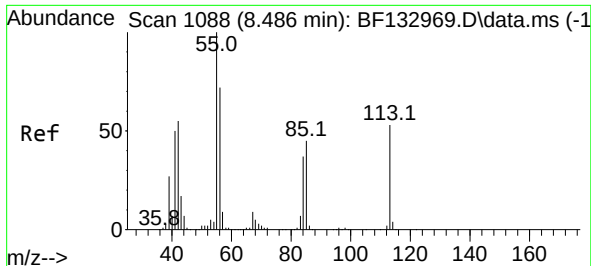
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#34
Hexachlorobutadiene
Concen: 41.044 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

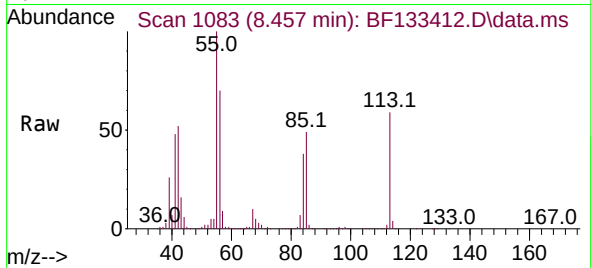
Tgt Ion:225 Resp: 344142
Ion Ratio Lower Upper
225 100
223 65.2 50.9 76.3
227 64.0 50.3 75.5





#35
 Caprolactam
 Concen: 44.376 ng m
 RT: 8.457 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

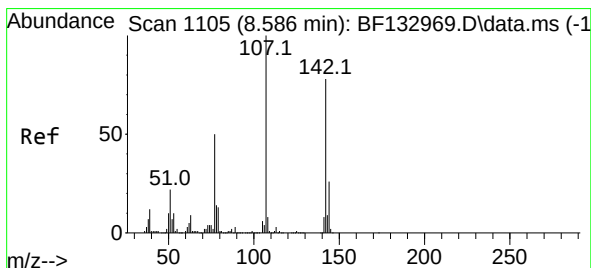
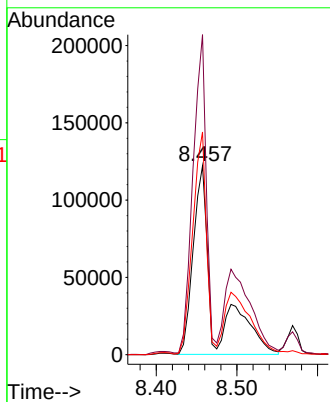
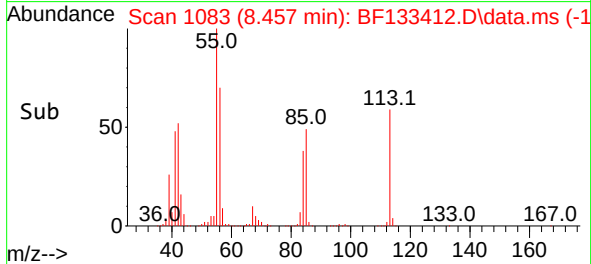
Instrument :
 BNA_F
 ClientSampleId :
 PB152851BS



Tgt Ion:113 Resp: 217690
 Ion Ratio Lower Upper
 113 100
 55 169.4 167.1 207.1
 56 117.9 114.5 154.5

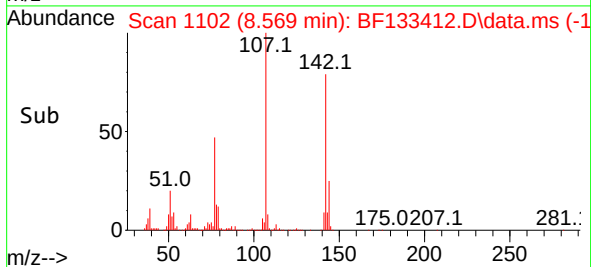
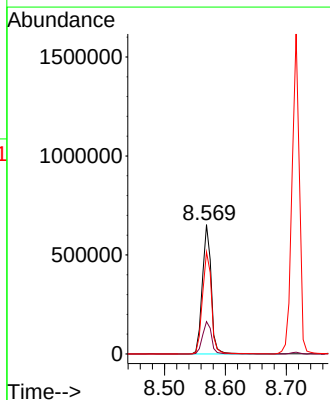
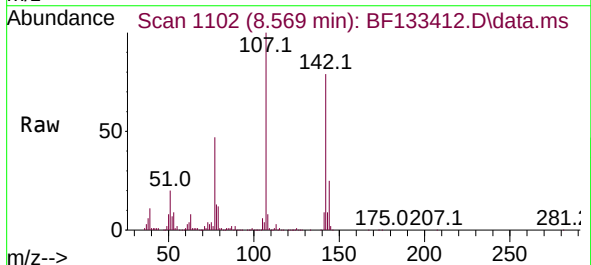
Manual Integrations
 APPROVED

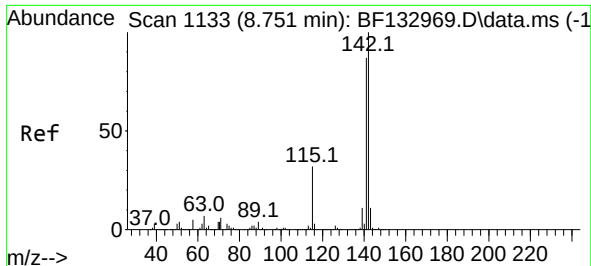
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.507 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

Tgt Ion:107 Resp: 653617
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 30.8
 142 78.8 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.667 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

Tgt Ion:142 Resp: 1365438

Ion Ratio Lower Upper

142 100

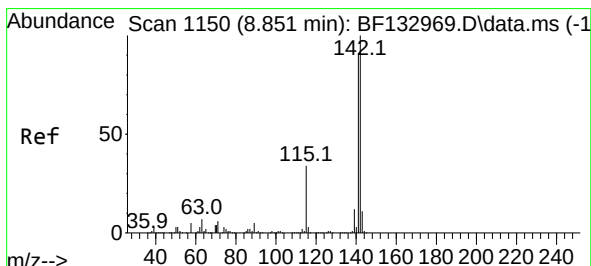
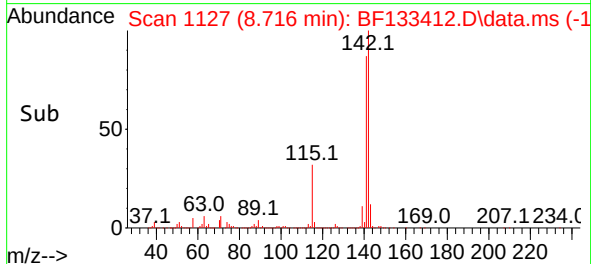
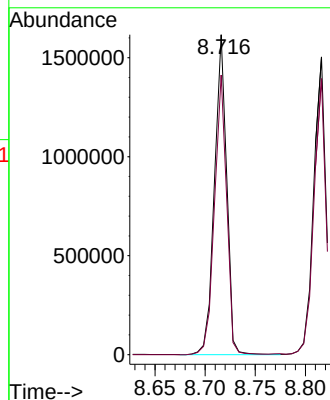
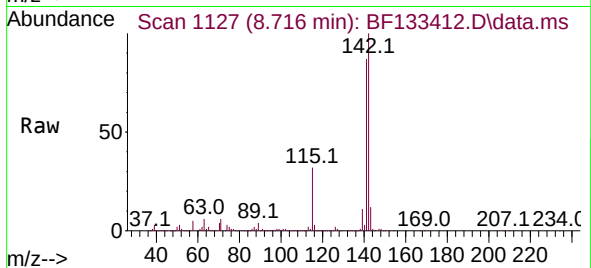
141 87.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#38

1-Methylnaphthalene

Concen: 38.163 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133412.D

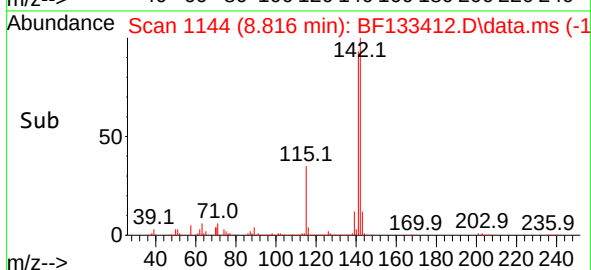
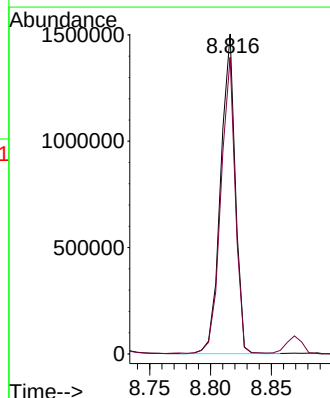
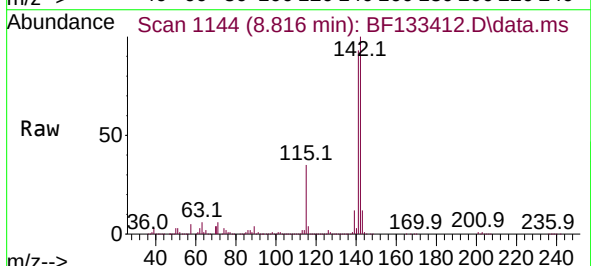
Acq: 17 May 2023 14:35

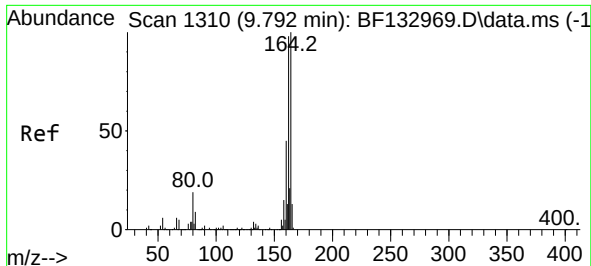
Tgt Ion:142 Resp: 1260702

Ion Ratio Lower Upper

142 100

141 92.7 73.1 109.7





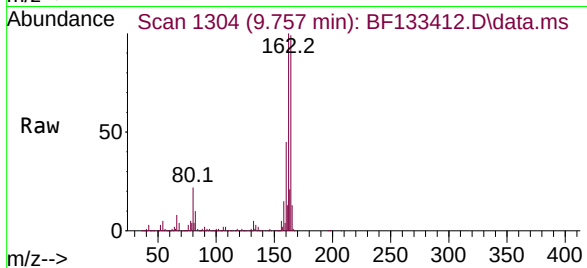
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

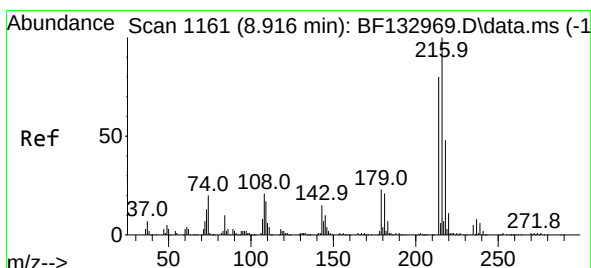
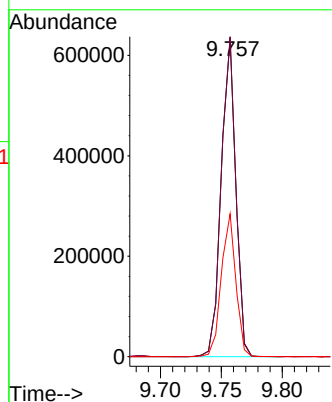
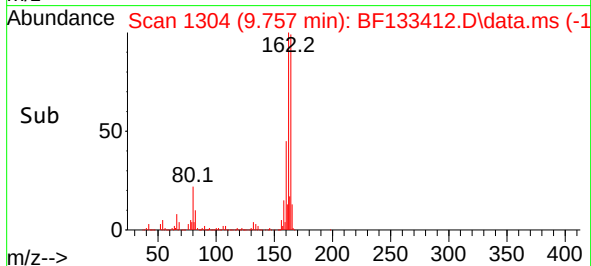


Tgt Ion:164 Resp: 528350
Ion Ratio Lower Upper
164 100
162 100.6 78.7 118.1
160 44.9 35.8 53.6

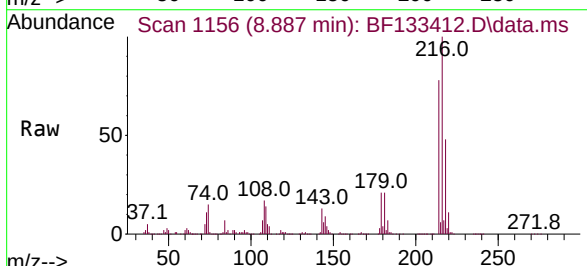
Manual Integrations

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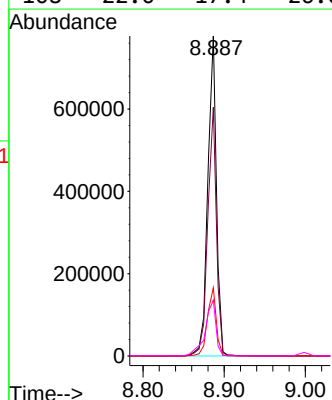
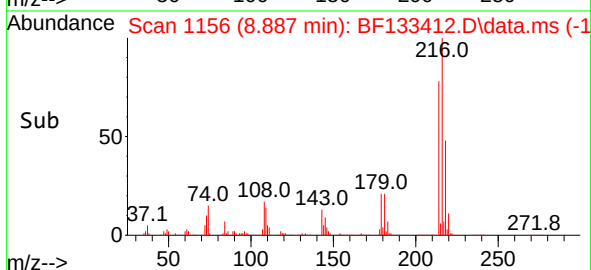
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

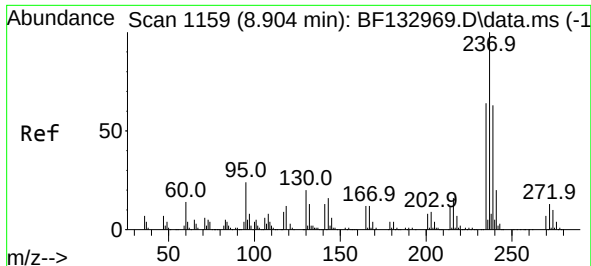


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.254 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:216 Resp: 571845
Ion Ratio Lower Upper
216 100
214 78.4 63.5 95.3
179 21.8 17.4 26.2
108 22.0 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 76.607 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

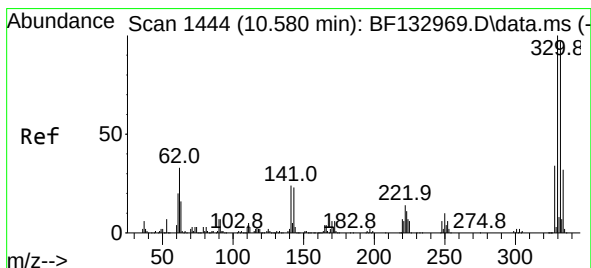
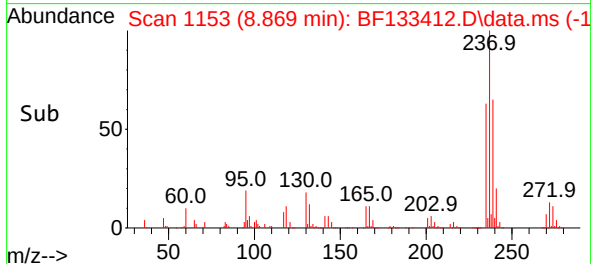
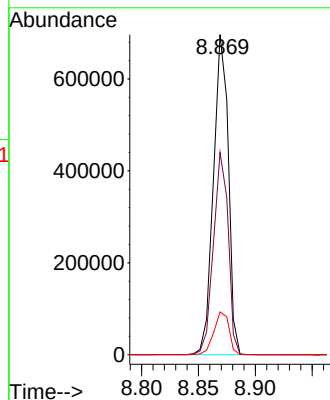
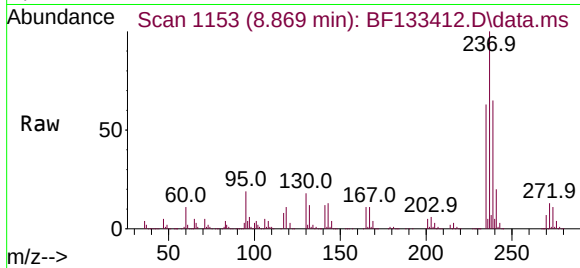
ClientSampleId :

PB152851BS

Tgt Ion:237 Resp: 634684
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.4 0.0 32.7

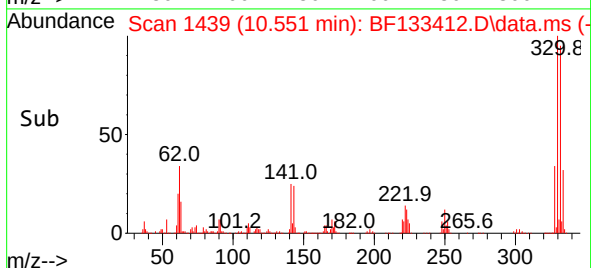
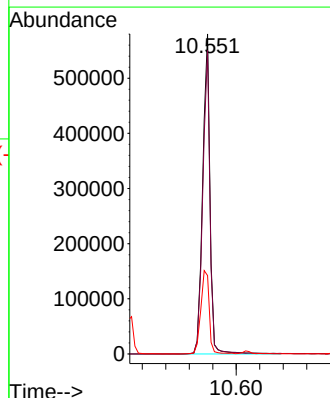
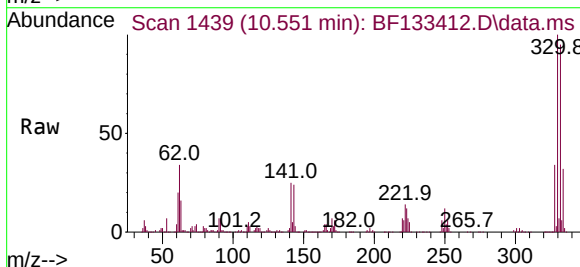
Manual Integrations
APPROVED

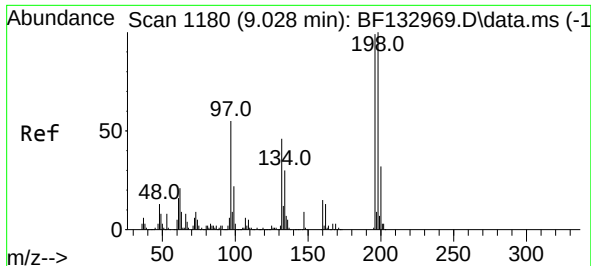
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#42
2,4,6-Tribromophenol
Concen: 94.107 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:330 Resp: 500044
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 30.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 40.563 ng

RT: 8.998 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

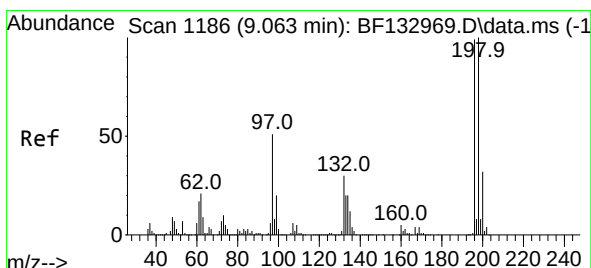
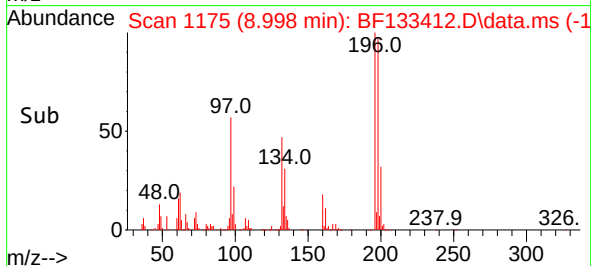
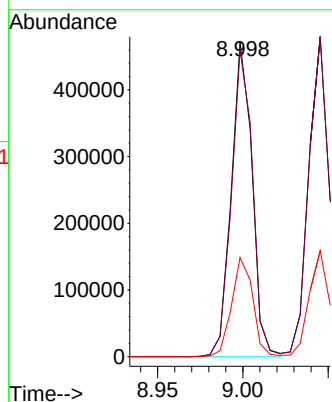
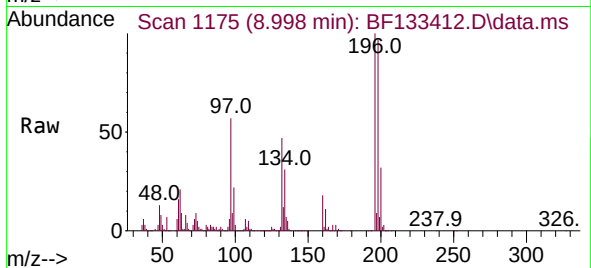
Tgt Ion:	196	Resp:	398507
Ion Ratio	Lower	Upper	
196	100		
198	97.4	81.0	121.6
200	31.5	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#44

2,4,5-Trichlorophenol

Concen: 37.729 ng

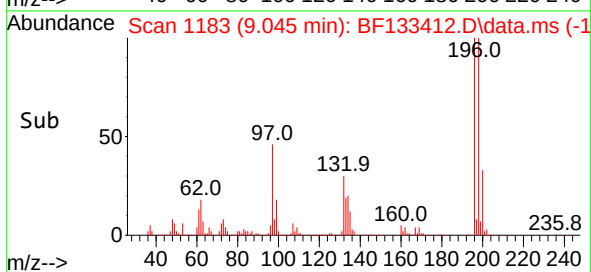
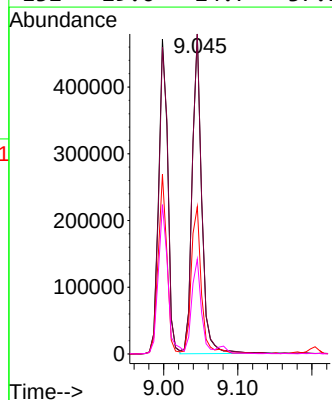
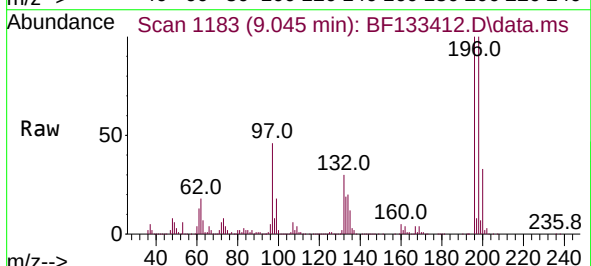
RT: 9.045 min Scan# 1183

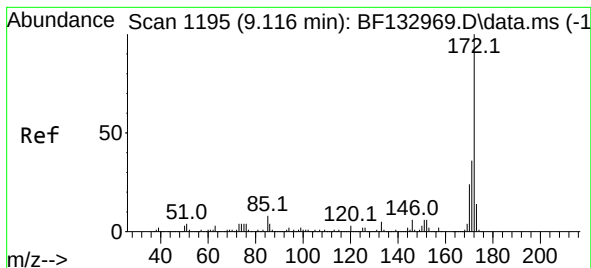
Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Tgt Ion:	196	Resp:	428680
Ion Ratio	Lower	Upper	
196	100		
198	99.9	80.9	121.3
97	46.0	41.3	61.9
132	29.6	24.7	37.1





#45

2-Fluorobiphenyl

Concen: 66.092 ng

RT: 9.081 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

Tgt Ion:172 Resp: 208725

Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

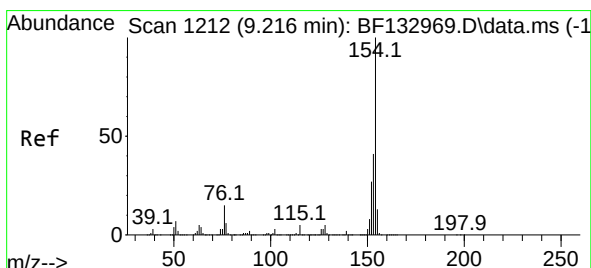
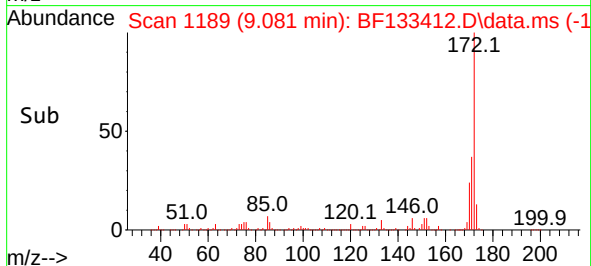
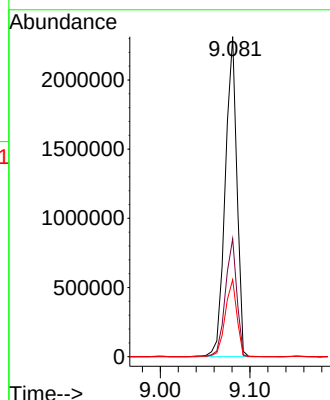
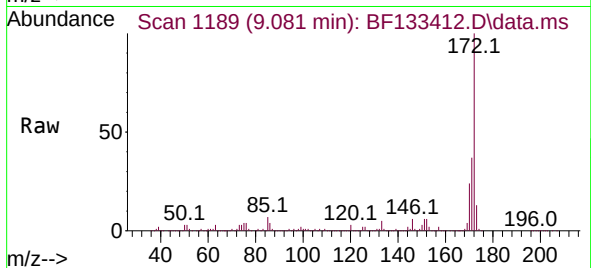
170 24.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#46

1,1'-Biphenyl

Concen: 39.645 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

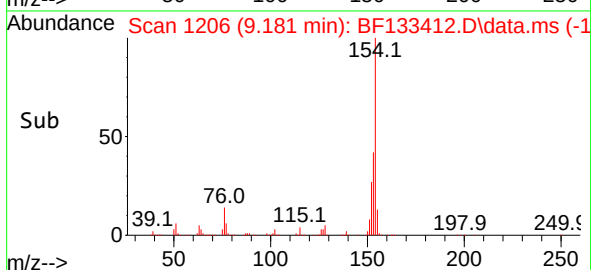
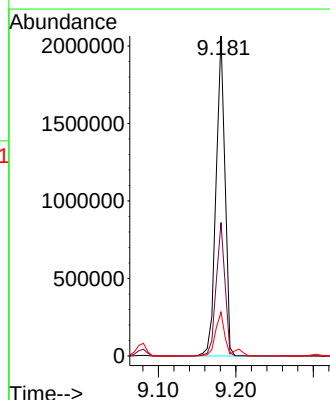
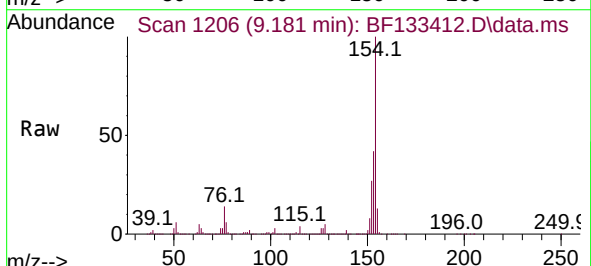
Tgt Ion:154 Resp: 1660975

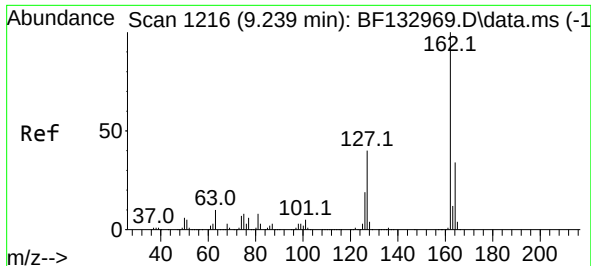
Ion Ratio Lower Upper

154 100

153 41.7 21.0 61.0

76 13.7 0.0 34.5





#47
2-Chloronaphthalene
Concen: 41.174 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

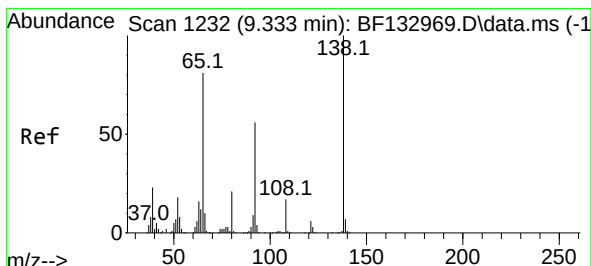
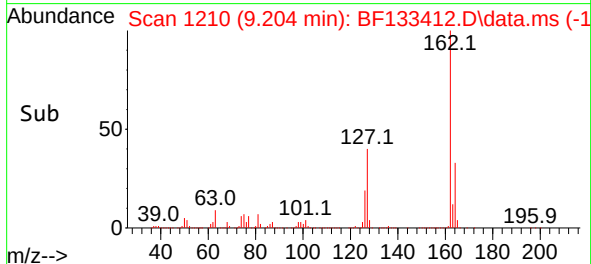
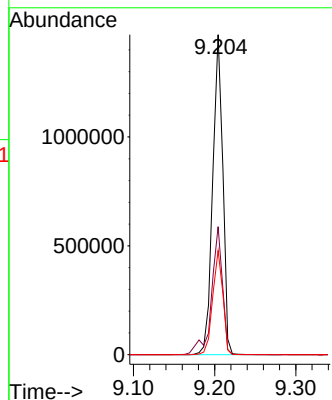
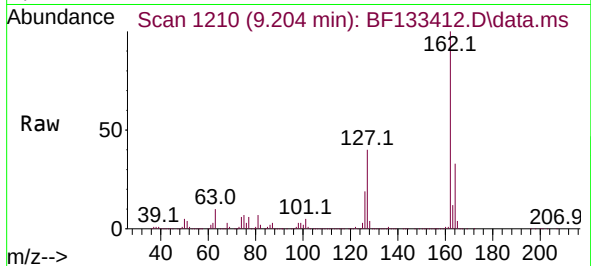
PB152851BS

Tgt Ion:162 Resp: 1262609
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 32.5 26.8 40.2

Manual Integrations

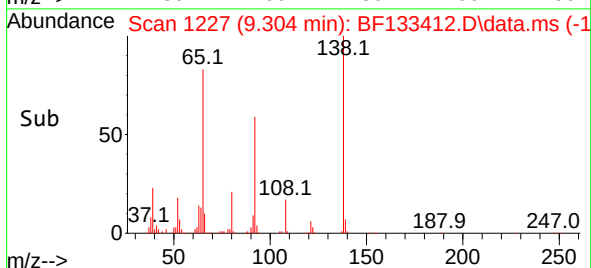
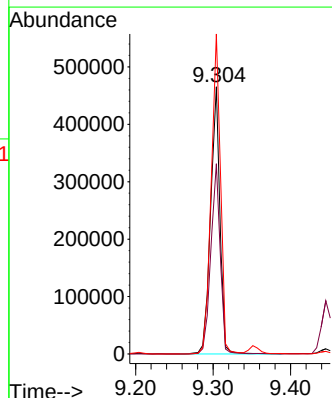
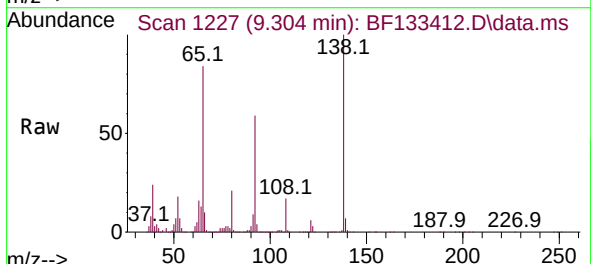
APPROVED

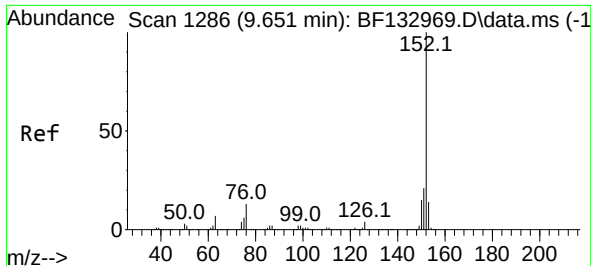
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#48
2-Nitroaniline
Concen: 38.417 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion: 65 Resp: 389341
Ion Ratio Lower Upper
65 100
92 71.2 55.4 83.0
138 119.7 98.2 147.2





#49

Acenaphthylene

Concen: 39.257 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

Tgt Ion:152 Resp: 192353

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

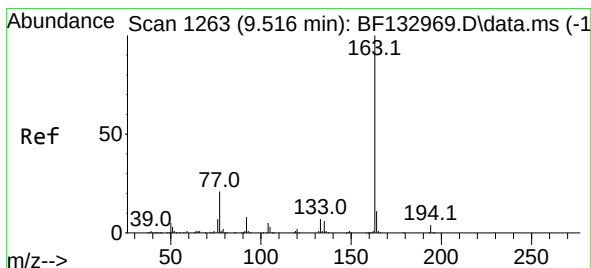
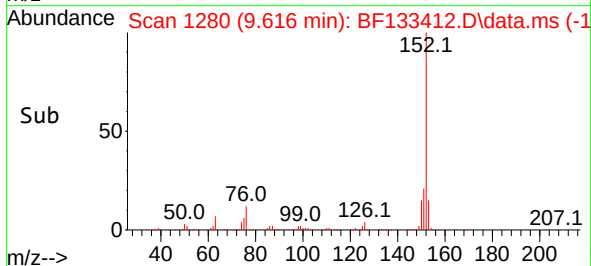
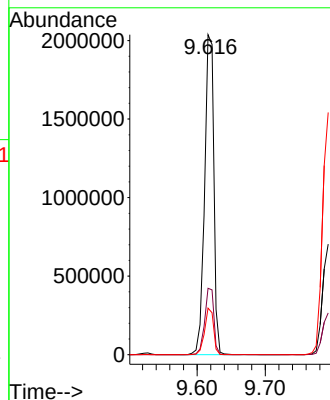
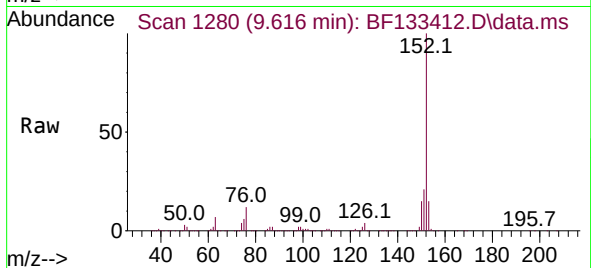
153 14.6 11.5 17.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#50

Dimethylphthalate

Concen: 39.837 ng

RT: 9.487 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

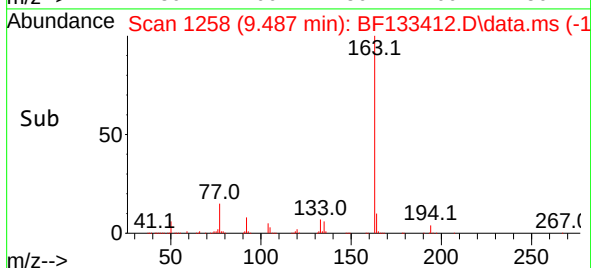
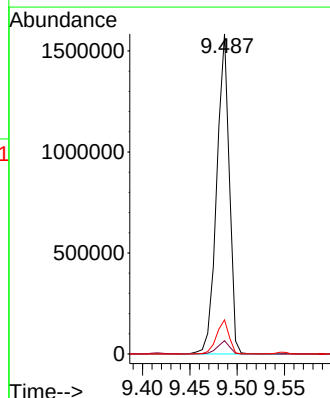
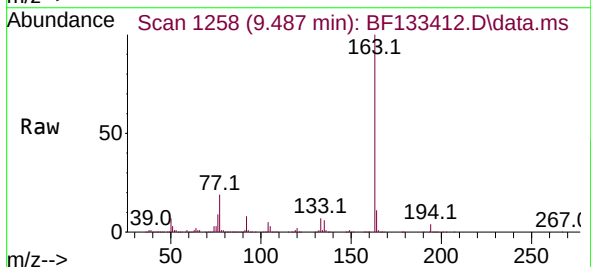
Tgt Ion:163 Resp: 1467616

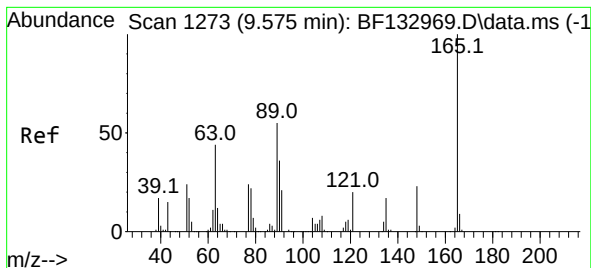
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

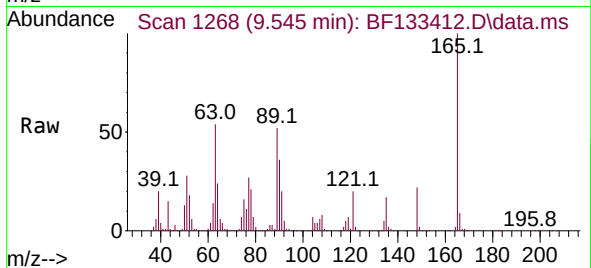
164 10.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 42.052 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

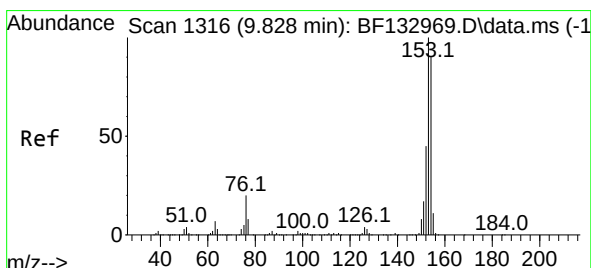
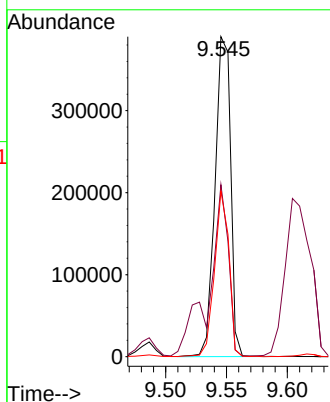
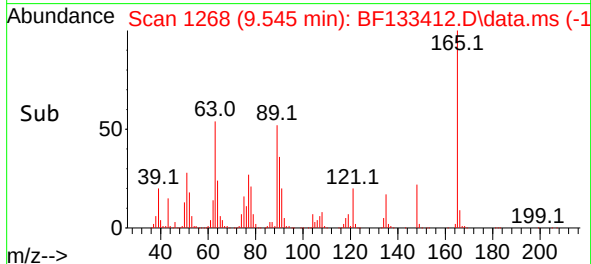
Instrument :
BNA_F
ClientSampleId :
PB152851BS



Tgt Ion:165 Resp: 348689
Ion Ratio Lower Upper
165 100
63 53.7 45.9 68.9
89 51.8 44.0 66.0

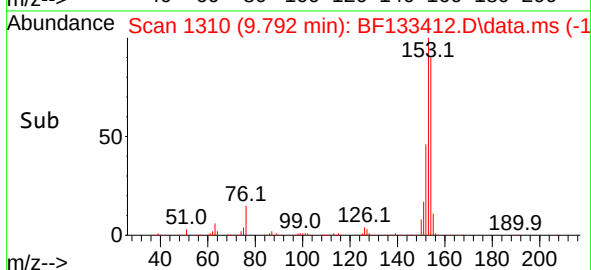
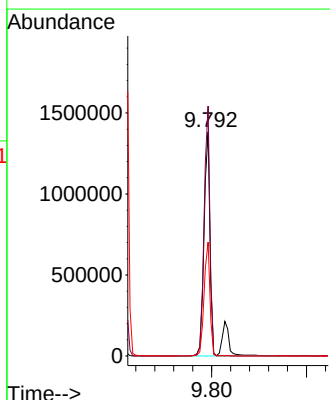
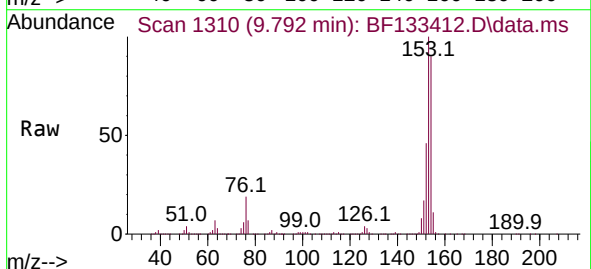
Manual Integrations
APPROVED

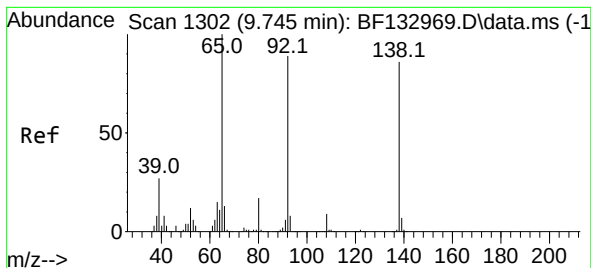
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#52
Acenaphthene
Concen: 42.957 ng m
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:154 Resp: 1409682
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.6
152 50.8 40.4 60.6





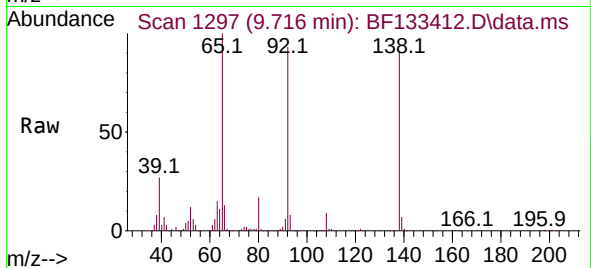
#53
3-Nitroaniline
Concen: 31.017 ng
RT: 9.716 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

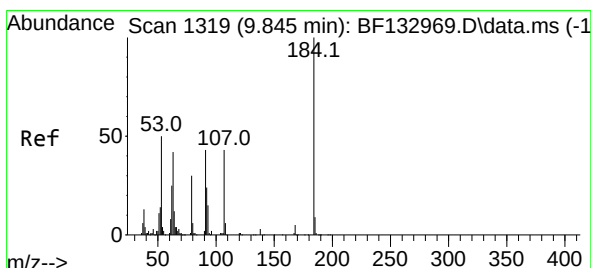
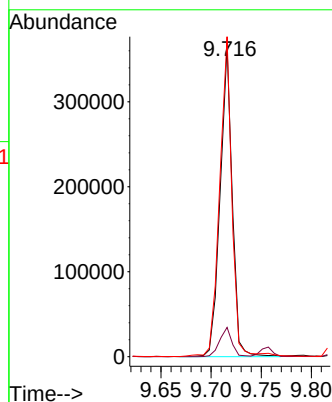
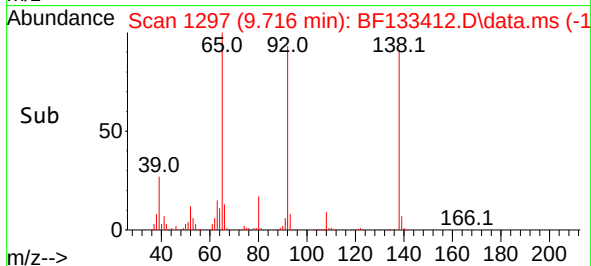


Tgt Ion:138 Resp: 305809
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 103.0 83.6 125.4

Manual Integrations

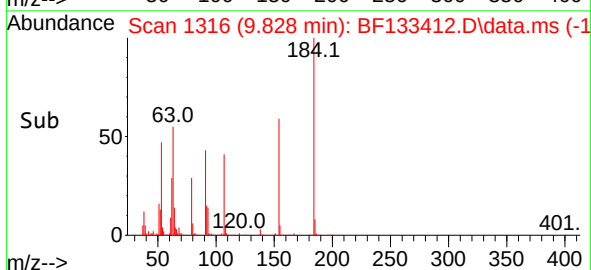
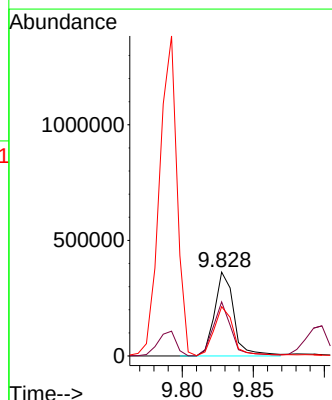
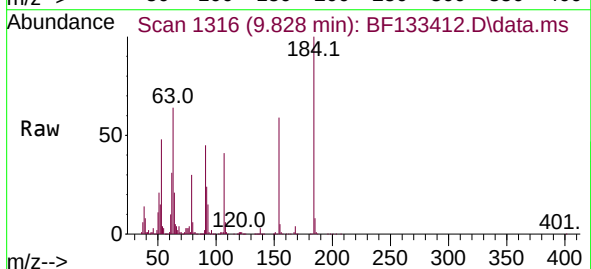
APPROVED

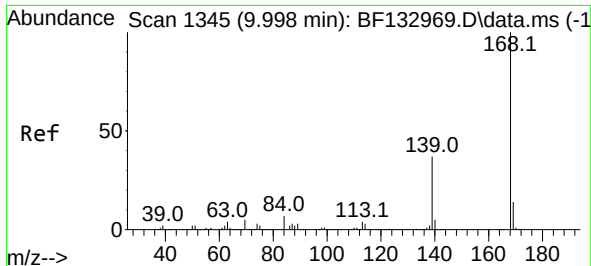
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#54
2,4-Dinitrophenol
Concen: 82.455 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:184 Resp: 343665
Ion Ratio Lower Upper
184 100
63 64.5 49.8 74.8
154 58.7 49.5 74.3





#55
Dibenzenofuran
Concen: 37.280 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

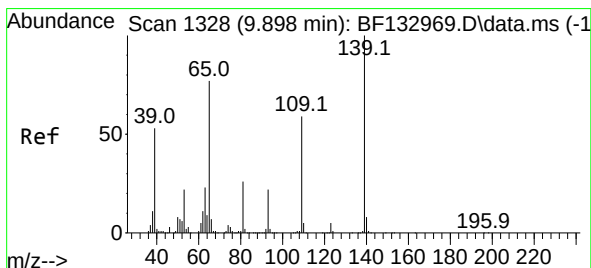
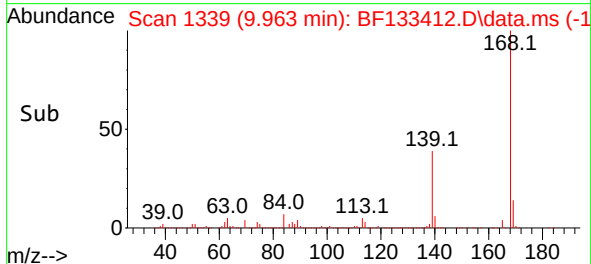
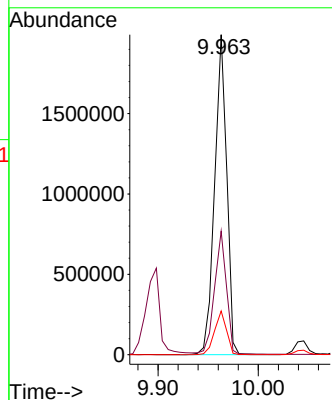
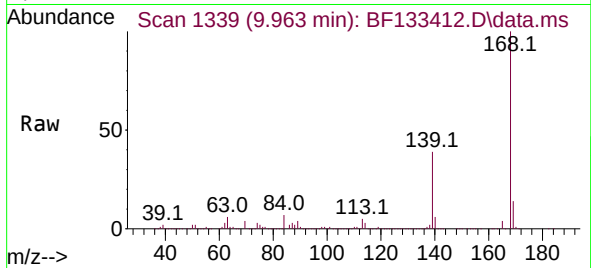
PB152851BS

Tgt Ion:168 Resp: 1668830
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.8
169 13.7 10.8 16.2

Manual Integrations

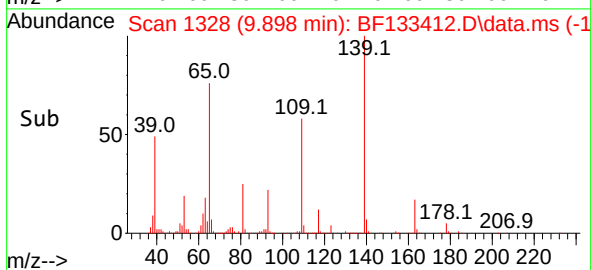
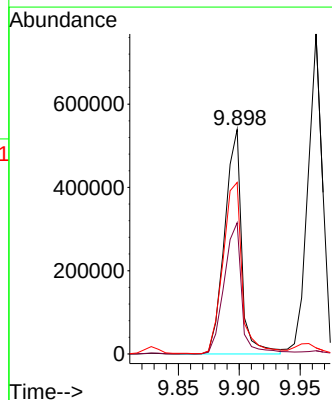
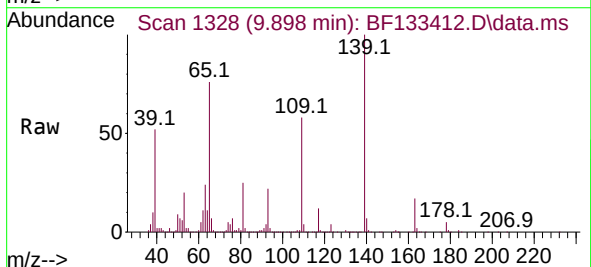
APPROVED

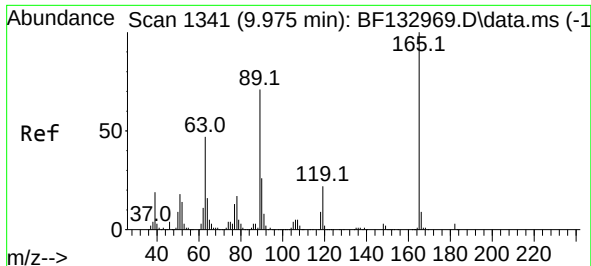
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#56
4-Nitrophenol
Concen: 69.110 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:139 Resp: 527733
Ion Ratio Lower Upper
139 100
109 58.4 39.4 79.4
65 76.4 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 39.881 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

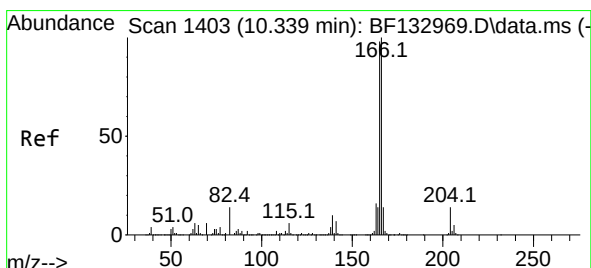
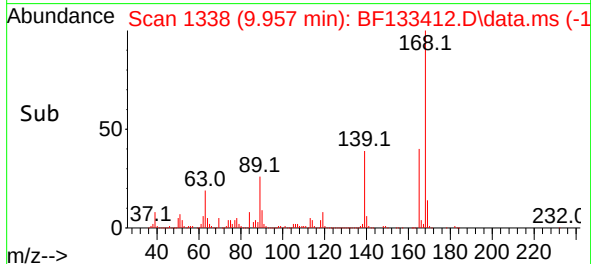
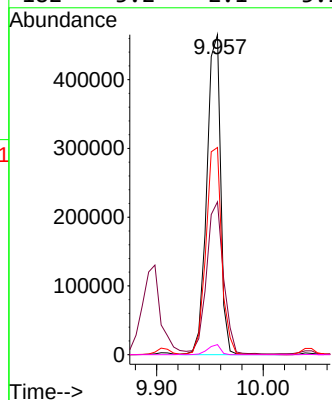
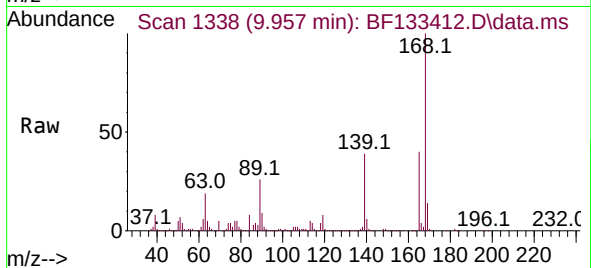
PB152851BS

Tgt Ion:165 Resp: 421719
Ion Ratio Lower Upper
165 100
63 47.8 37.7 56.5
89 64.7 57.0 85.4
182 3.2 2.1 3.1#

Manual Integrations

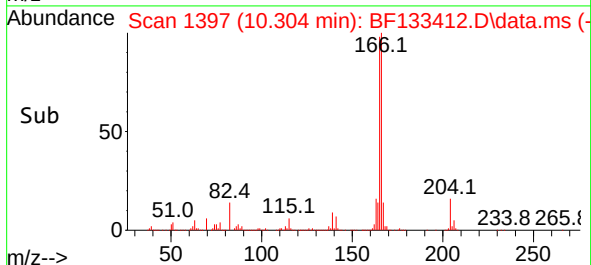
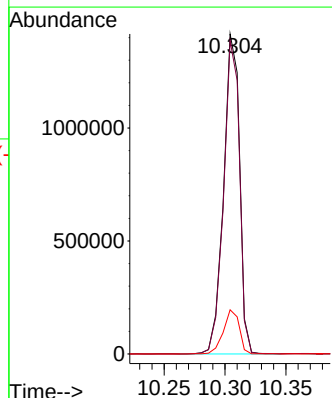
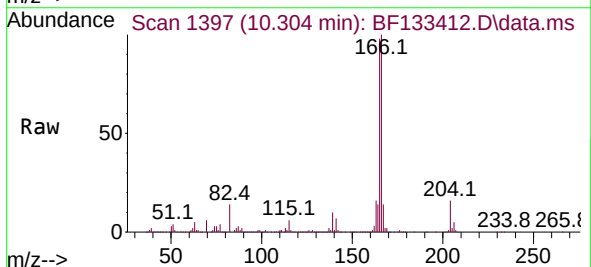
APPROVED

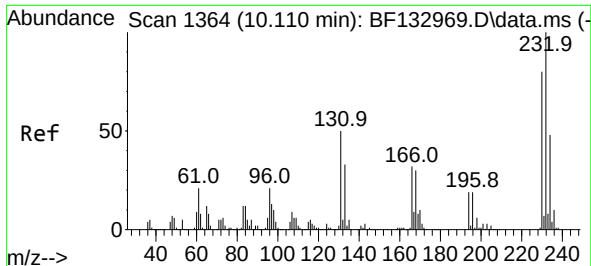
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#58
Fluorene
Concen: 39.517 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

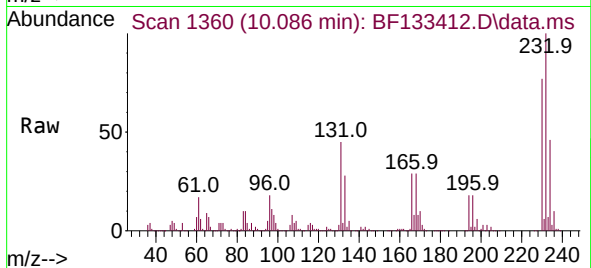
Tgt Ion:166 Resp: 1296030
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.759 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

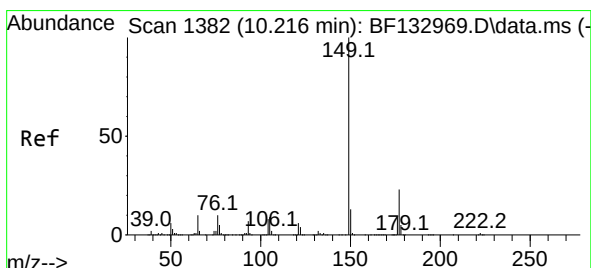
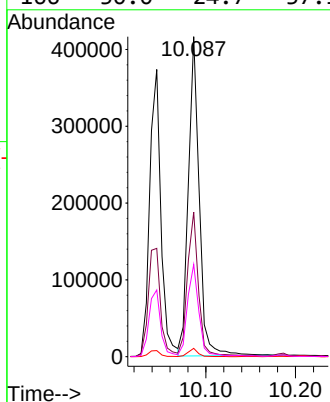
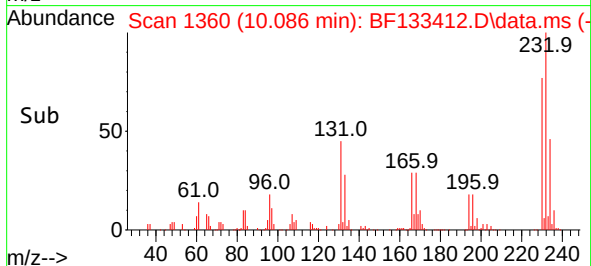
Instrument :
BNA_F
ClientSampleId :
PB152851BS



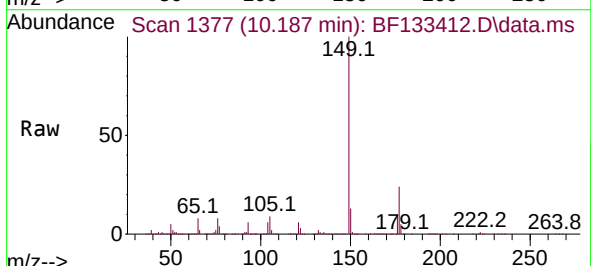
Tgt Ion:232 Resp: 350221
Ion Ratio Lower Upper
232 100
131 45.5 38.0 57.0
130 2.4 1.8 2.8
166 30.0 24.7 37.1

Manual Integrations
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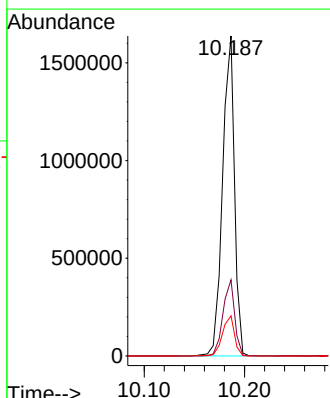
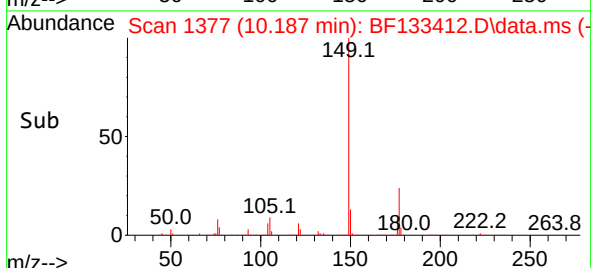
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

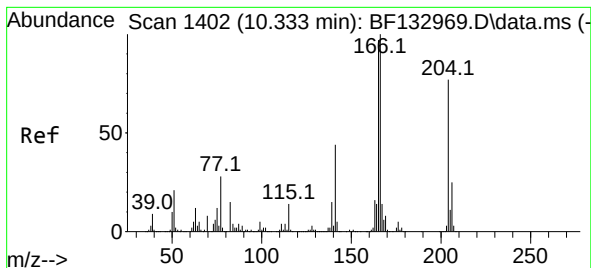


#60
Diethylphthalate
Concen: 38.654 ng
RT: 10.187 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:149 Resp: 1345084
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.467 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

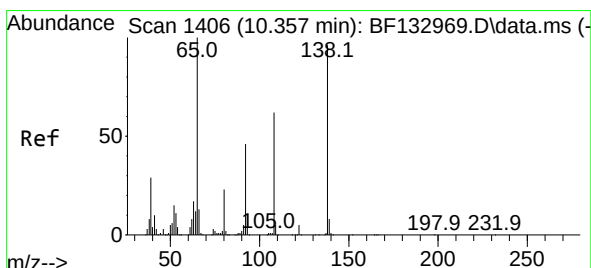
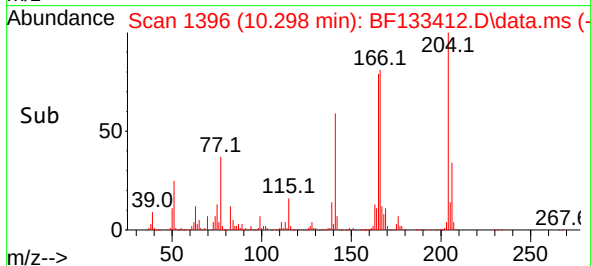
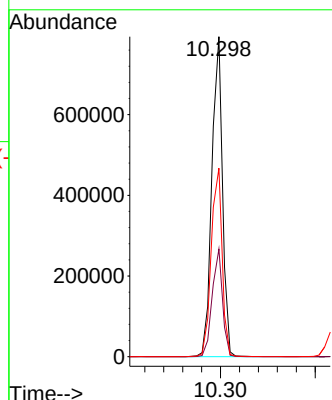
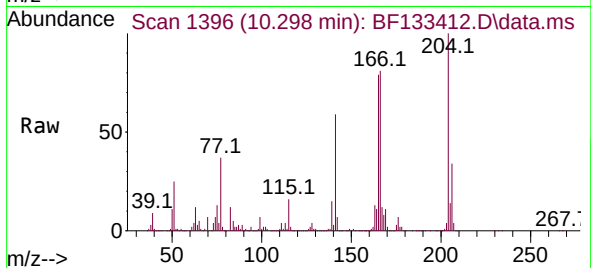
PB152851BS

Tgt Ion:204 Resp: 614798
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 58.9 46.1 69.1

Manual Integrations

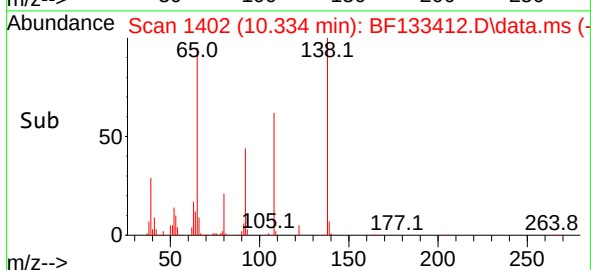
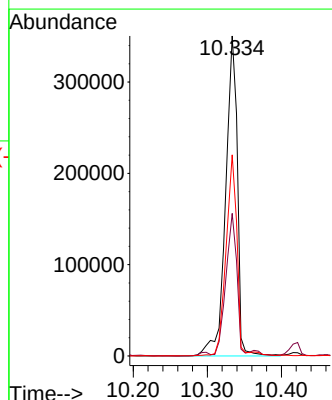
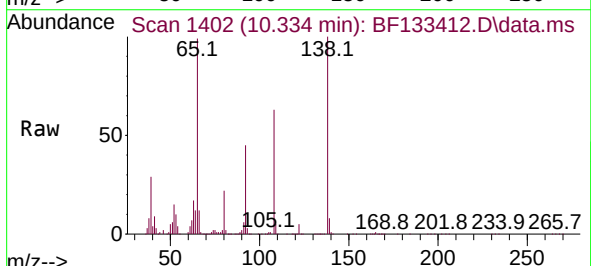
APPROVED

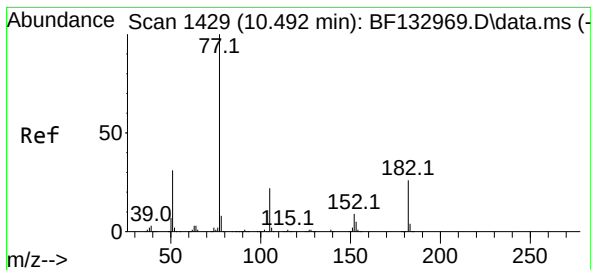
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#62
4-Nitroaniline
Concen: 42.746 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

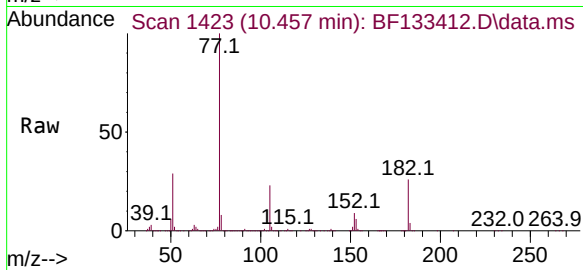
Tgt Ion:138 Resp: 387347
Ion Ratio Lower Upper
138 100
92 44.5 27.7 67.7
108 62.9 45.2 85.2





#63
Azobenzene
Concen: 36.505 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

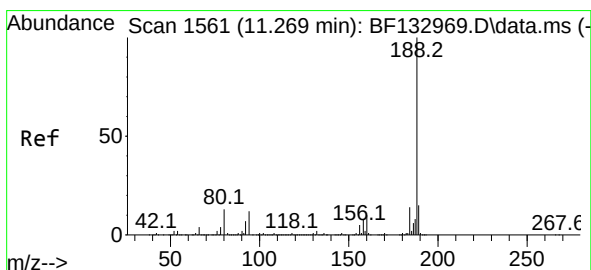
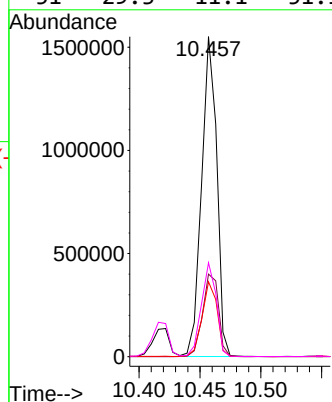
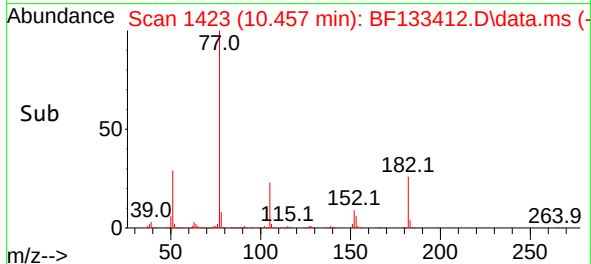
Instrument :
BNA_F
ClientSampleId :
PB152851BS



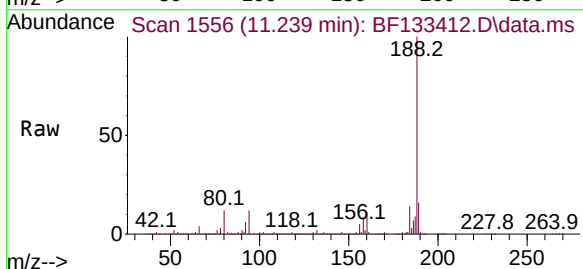
Tgt Ion: 77 Resp: 134568
Ion Ratio Lower Upper
77 100
182 25.8 5.9 45.9
105 23.4 2.3 42.3
51 29.3 11.1 51.1

Manual Integrations
APPROVED

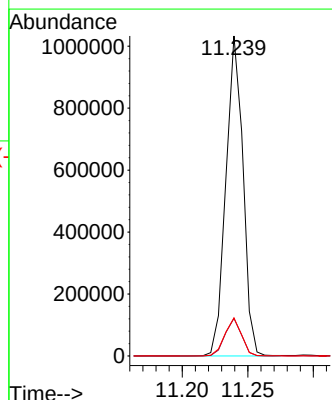
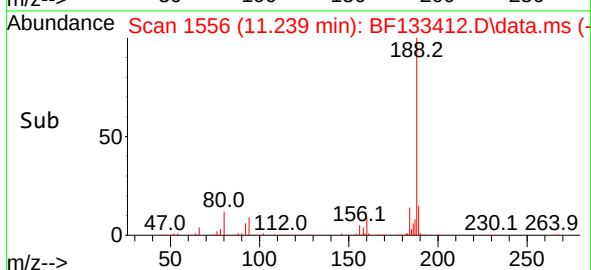
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

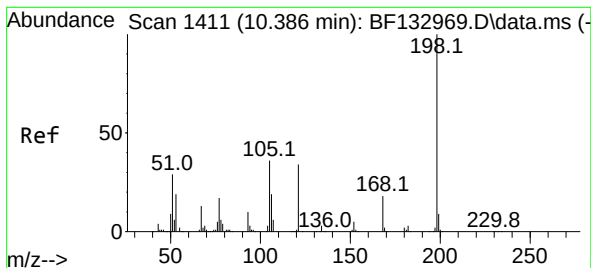


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:188 Resp: 935152
Ion Ratio Lower Upper
188 100
94 11.7 9.7 14.5
80 11.9 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.602 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

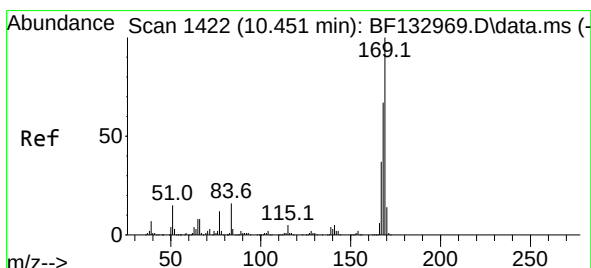
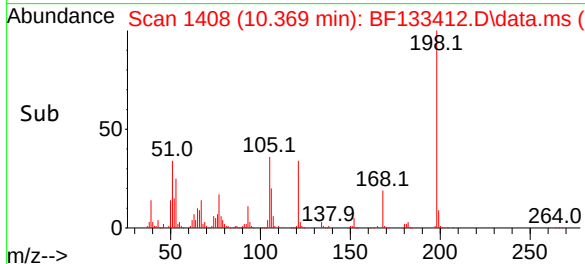
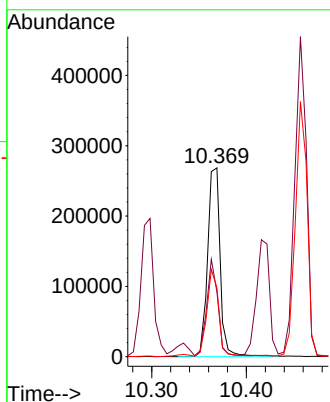
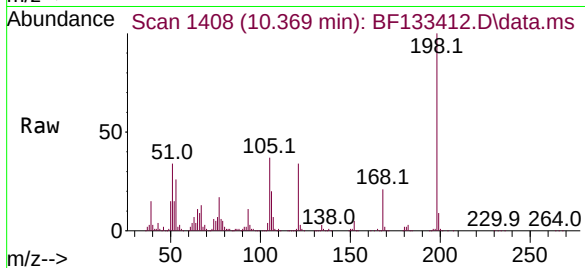
PB152851BS

Tgt Ion:198 Resp: 247145
Ion Ratio Lower Upper
198 100
51 34.2 15.5 55.5
105 36.5 16.7 56.7

Manual Integrations

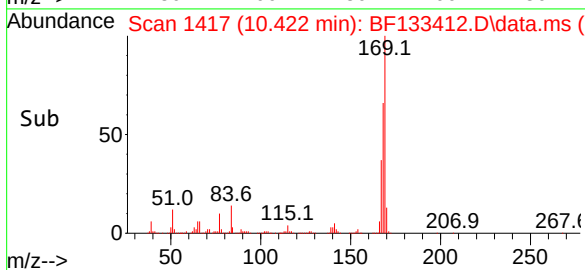
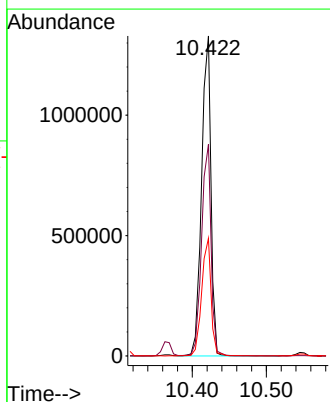
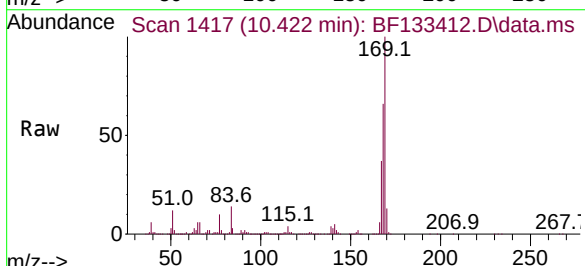
APPROVED

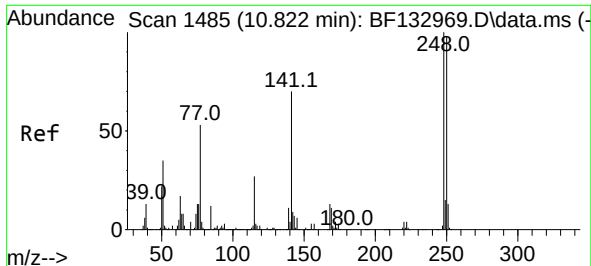
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#66
n-Nitrosodiphenylamine
Concen: 38.600 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:169 Resp: 1170879
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 36.7 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 38.490 ng

RT: 10.786 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

Tgt Ion:248 Resp: 390378

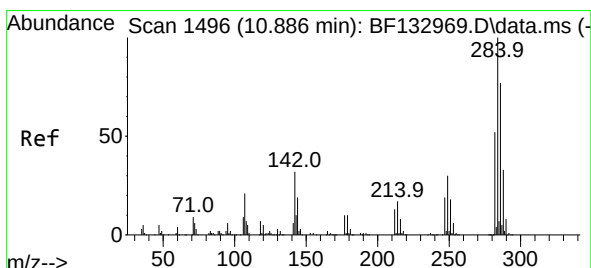
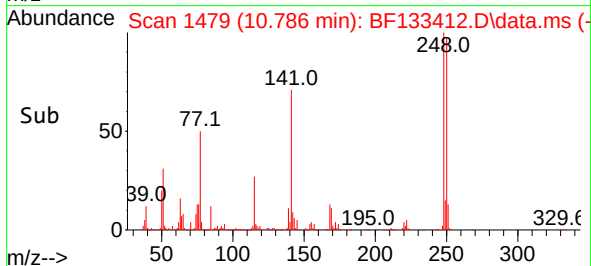
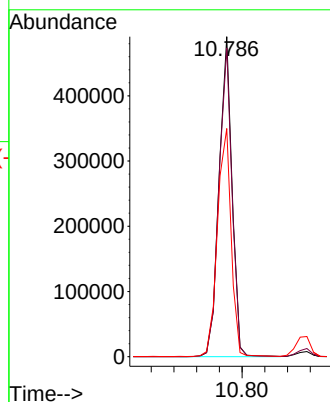
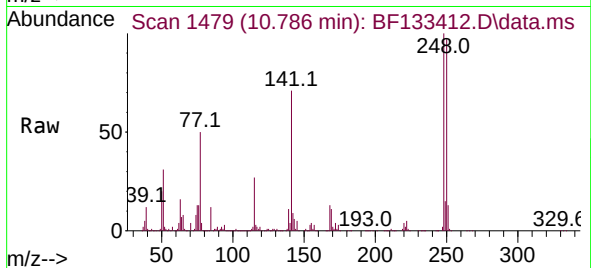
Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.7	118.1
141	71.3	56.3	84.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#68

Hexachlorobenzene

Concen: 41.208 ng

RT: 10.857 min Scan# 1491

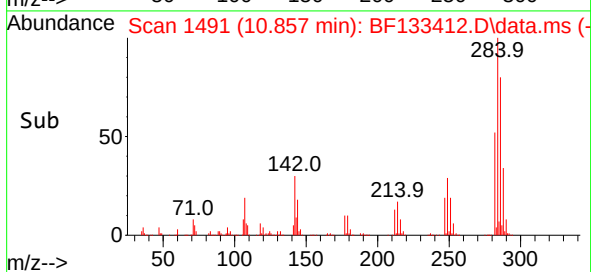
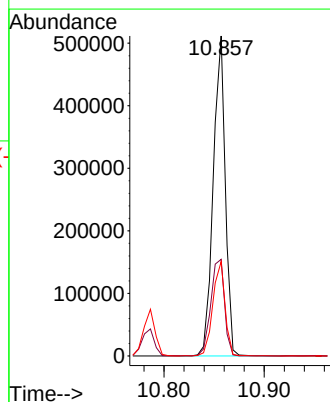
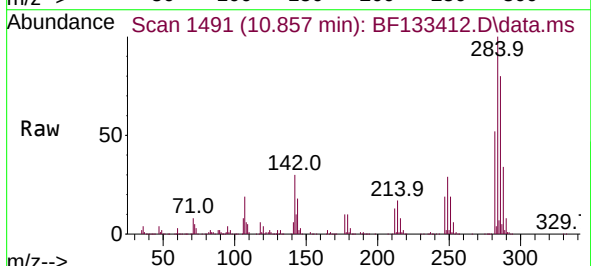
Delta R.T. -0.006 min

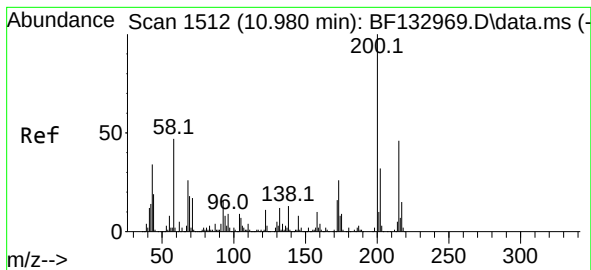
Lab File: BF133412.D

Acq: 17 May 2023 14:35

Tgt Ion:284 Resp: 428264

Ion	Ratio	Lower	Upper
284	100		
142	30.2	26.0	39.0
249	29.5	23.7	35.5





#69

Atrazine

Concen: 45.783 ng

RT: 10.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

Tgt Ion:200 Resp: 40016

Ion Ratio Lower Upper

200 100

173 28.1 6.2 46.2

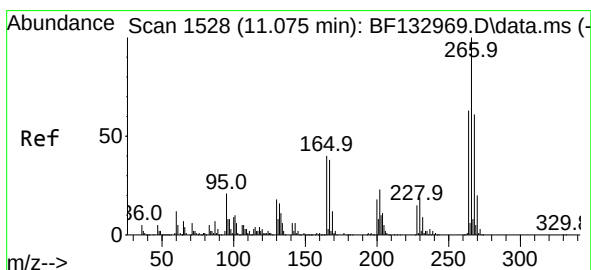
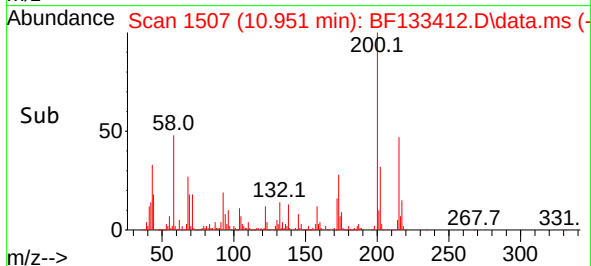
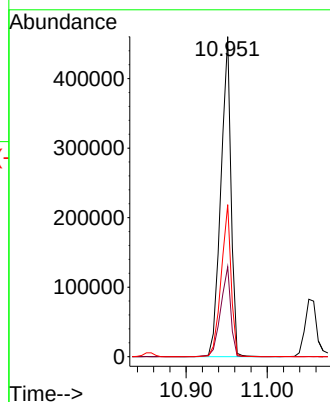
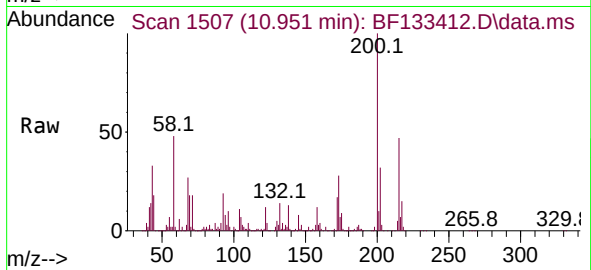
215 47.5 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#70

Pentachlorophenol

Concen: 68.431 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

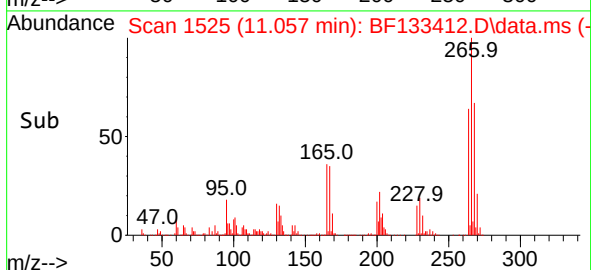
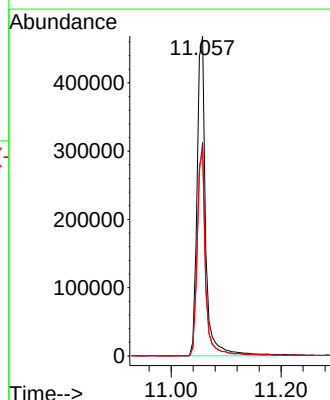
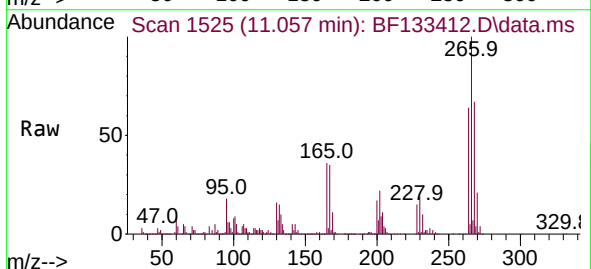
Tgt Ion:266 Resp: 506495

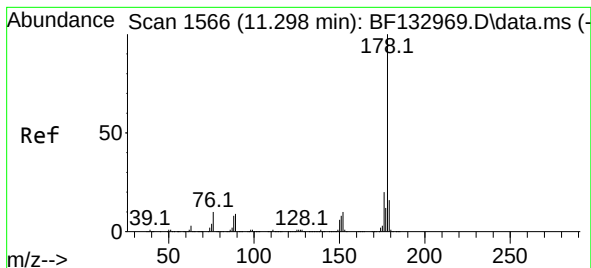
Ion Ratio Lower Upper

266 100

268 66.7 48.8 73.2

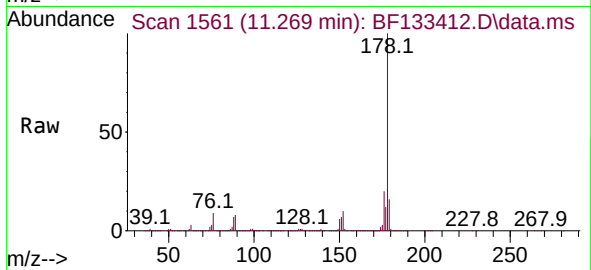
264 63.7 50.6 76.0





#71
Phenanthrene
Concen: 38.237 ng
RT: 11.269 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

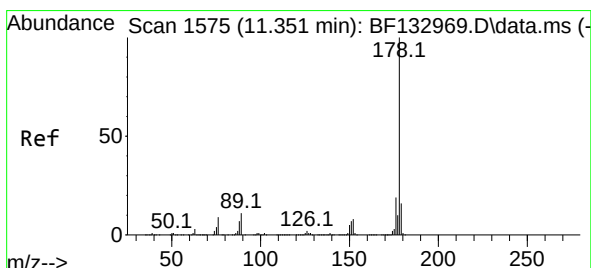
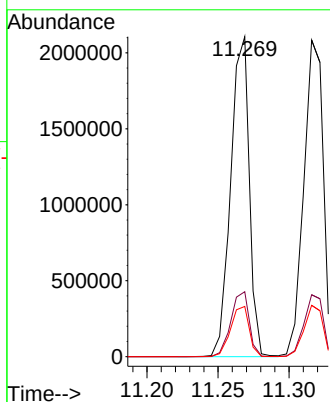
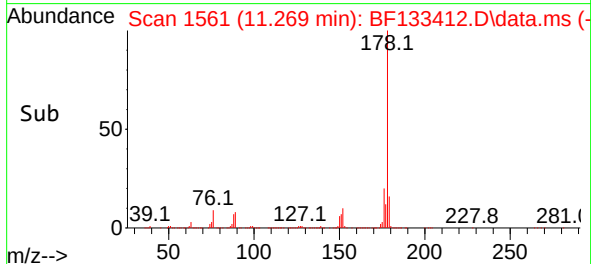
Instrument :
BNA_F
ClientSampleId :
PB152851BS



Tgt Ion:178 Resp: 1921864
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.7 12.5 18.7

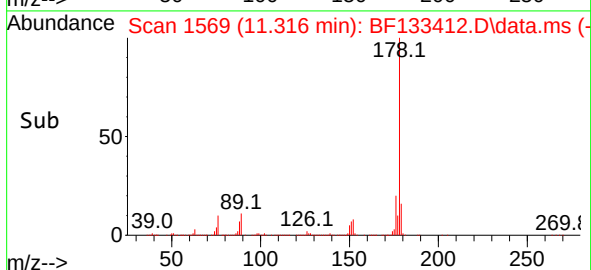
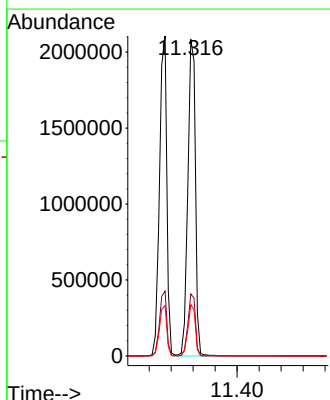
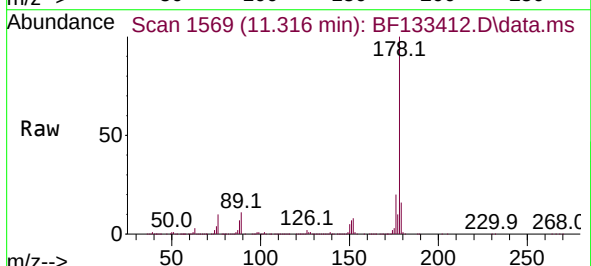
Manual Integrations
APPROVED

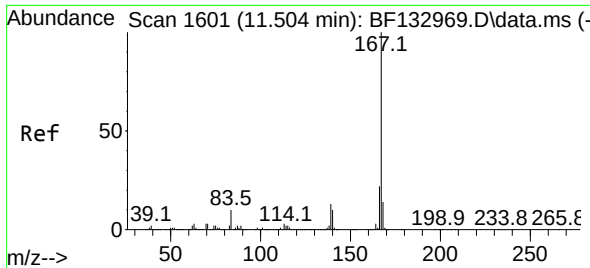
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#72
Anthracene
Concen: 38.725 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:178 Resp: 1991890
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.2 12.4 18.6





#73
 Carbazole
 Concen: 39.149 ng
 RT: 11.475 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

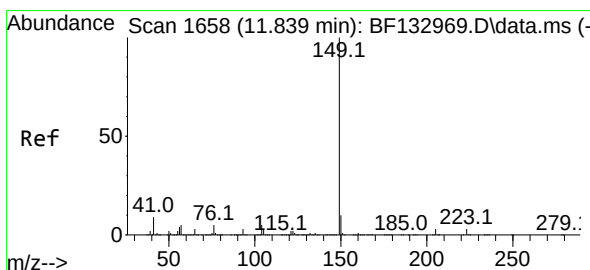
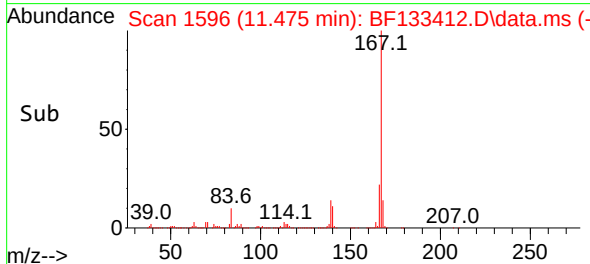
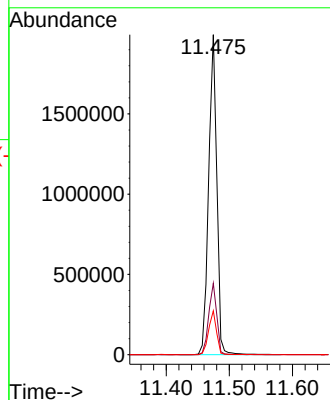
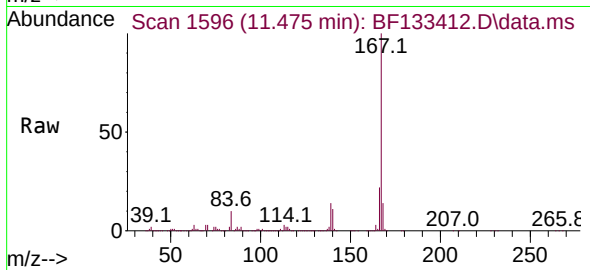
PB152851BS

Tgt Ion:167 Resp: 179307
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.7 10.6 16.0

Manual Integrations

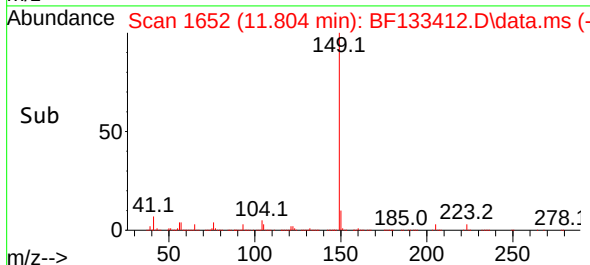
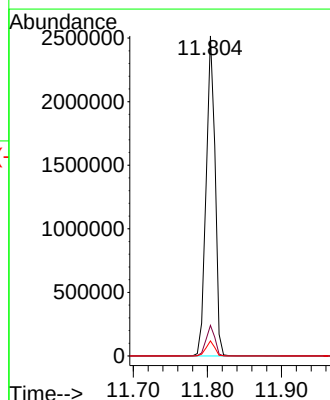
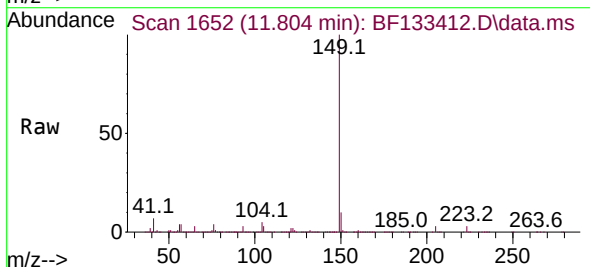
APPROVED

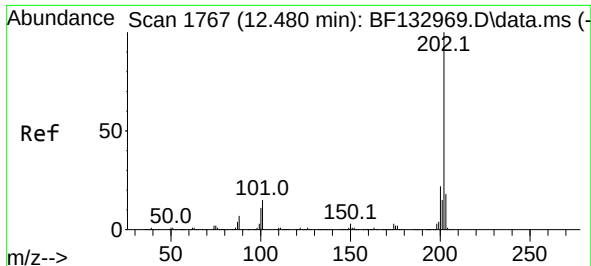
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#74
 Di-n-butylphthalate
 Concen: 40.792 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. -0.006 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

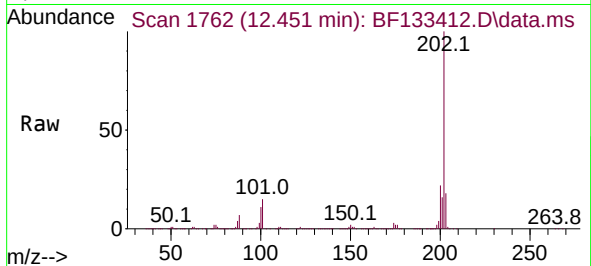
Tgt Ion:149 Resp: 2114307
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.7 4.0 6.0





#75
Fluoranthene
Concen: 38.348 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

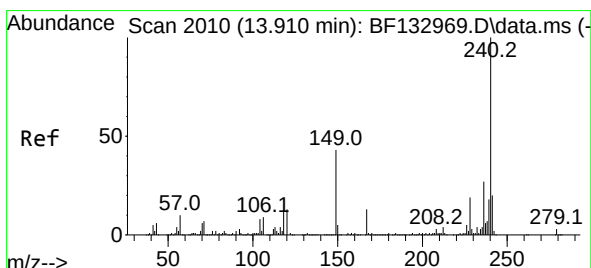
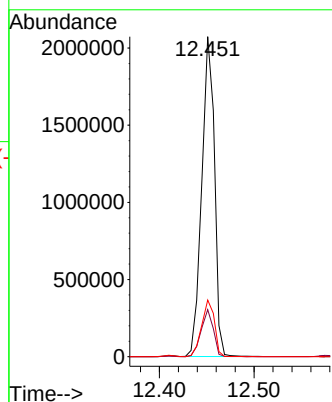
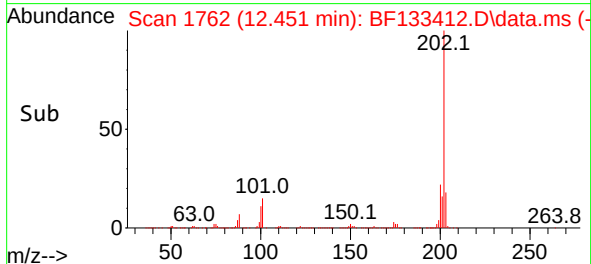
Instrument :
BNA_F
ClientSampleId :
PB152851BS



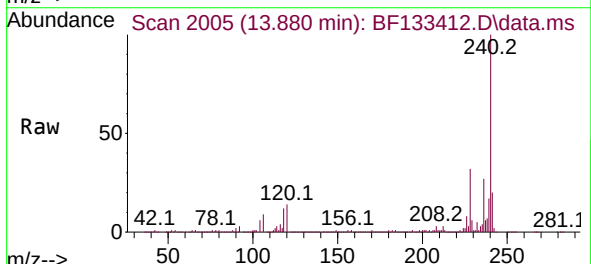
Tgt Ion:202 Resp: 1934389
Ion Ratio Lower Upper
202 100
101 14.7 0.0 35.3
203 17.7 0.0 38.1

Manual Integrations
APPROVED

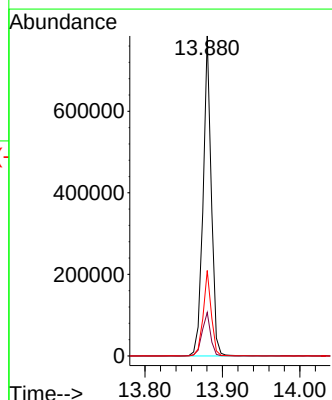
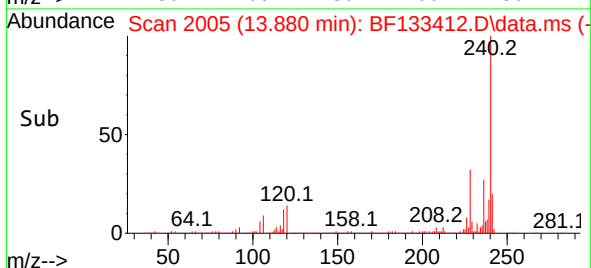
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

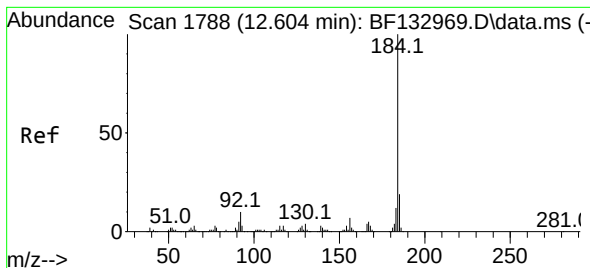


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:240 Resp: 576609
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 26.7 21.5 32.3





#77

Benzidine

Concen: 118.148 ng

RT: 12.575 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

Tgt Ion:184 Resp: 115203

Ion Ratio Lower Upper

184 100

185 14.9 15.4 23.2

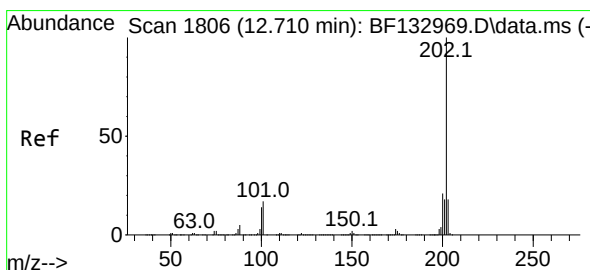
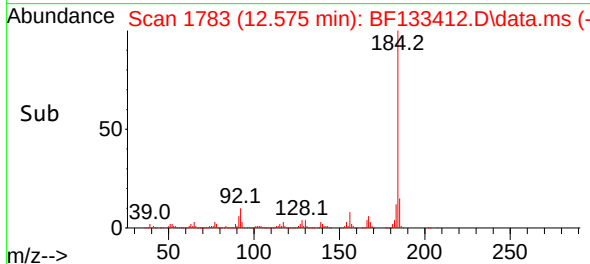
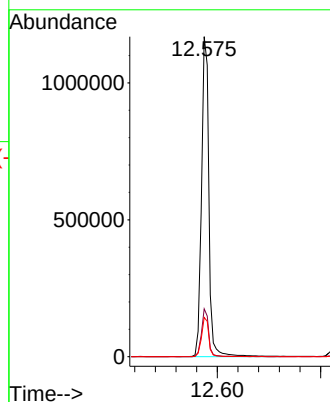
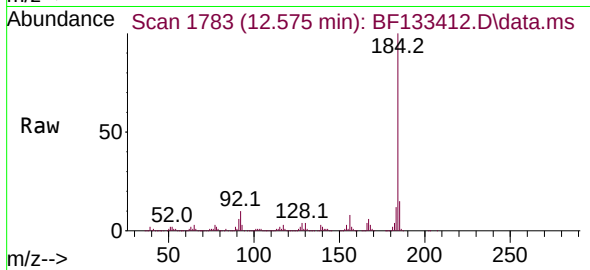
183 12.3 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#78

Pyrene

Concen: 39.959 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

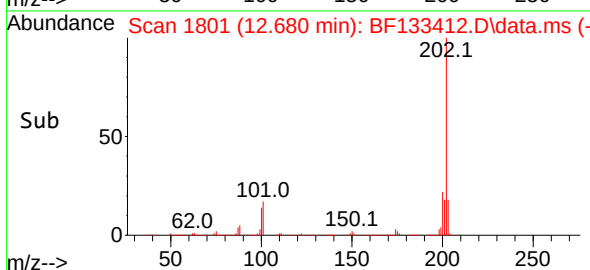
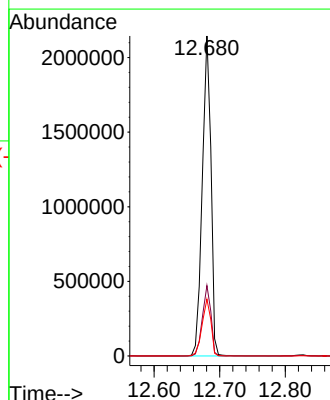
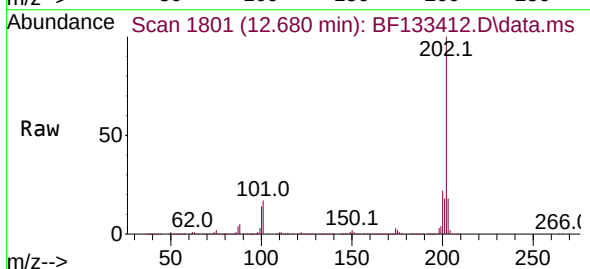
Tgt Ion:202 Resp: 1975110

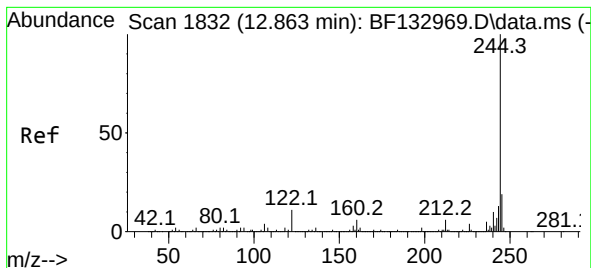
Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 65.695 ng

RT: 12.828 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133412.D

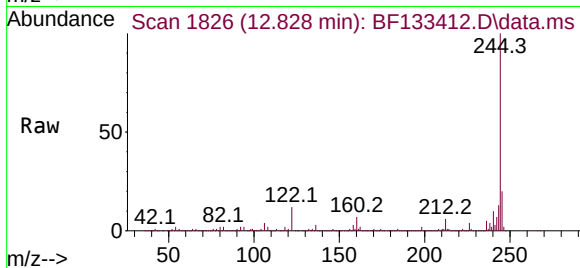
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS



Tgt Ion:244 Resp: 2196389

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

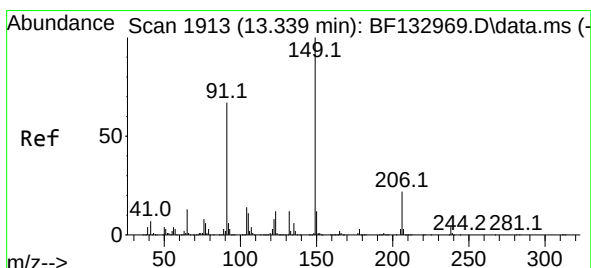
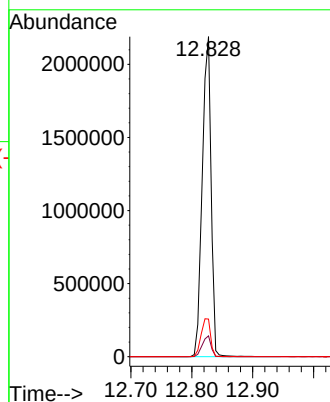
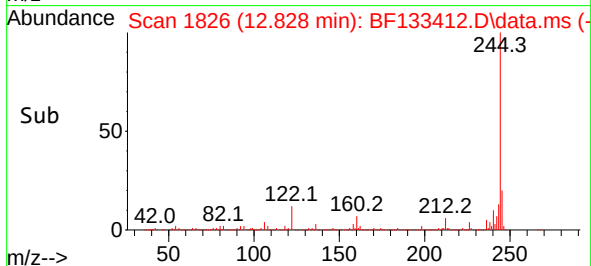
122 11.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#80

Butylbenzylphthalate

Concen: 48.749 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

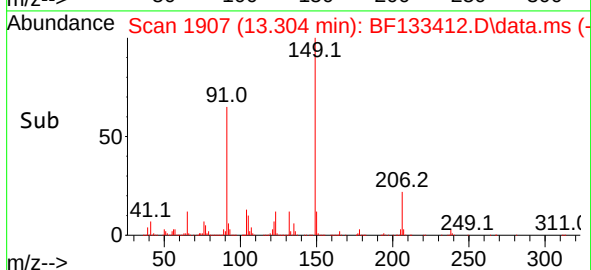
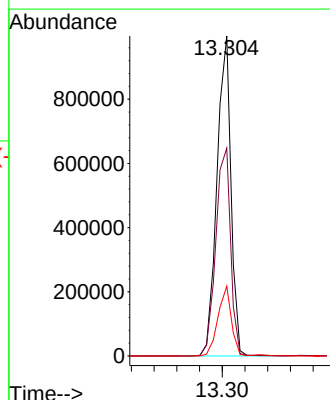
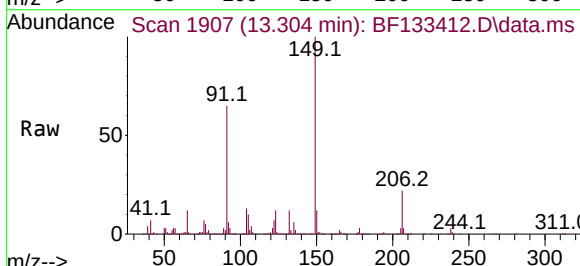
Tgt Ion:149 Resp: 853171

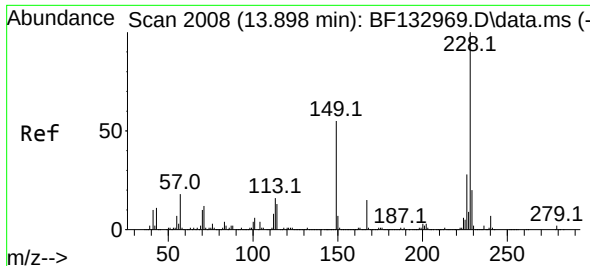
Ion Ratio Lower Upper

149 100

91 65.0 53.8 80.6

206 21.8 17.5 26.3





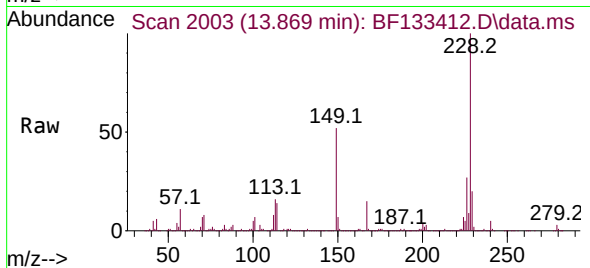
#81
Benzo(a)anthracene
Concen: 37.288 ng
RT: 13.869 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

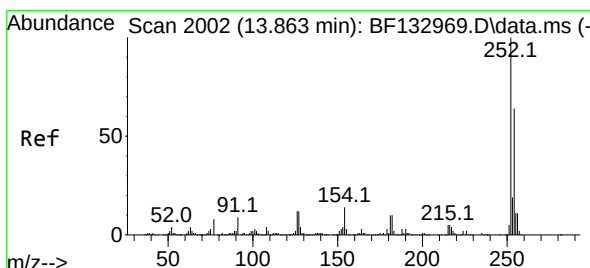
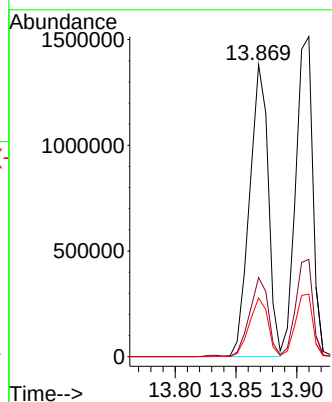
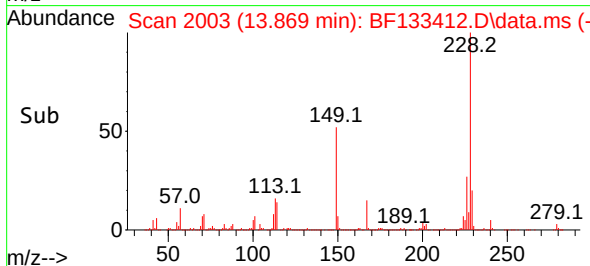


Tgt Ion:228 Resp: 147854
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 20.1 16.0 24.0

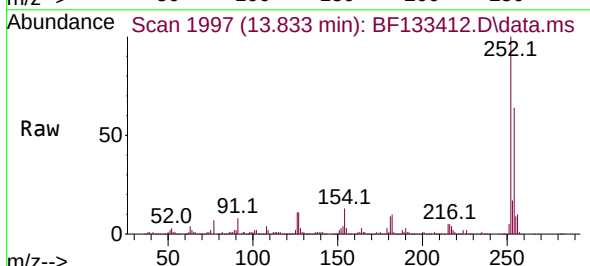
Manual Integrations

APPROVED

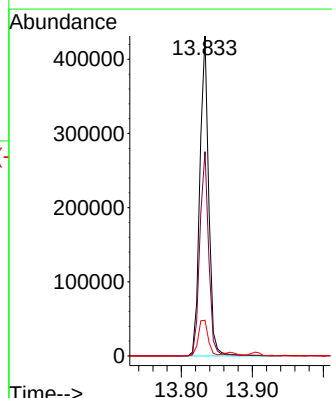
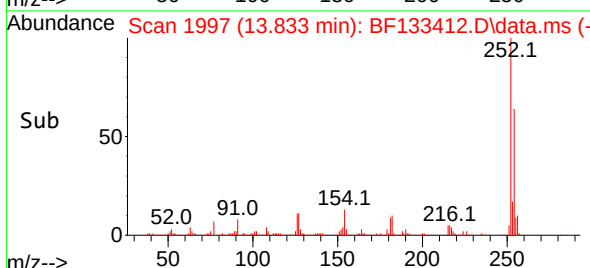
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

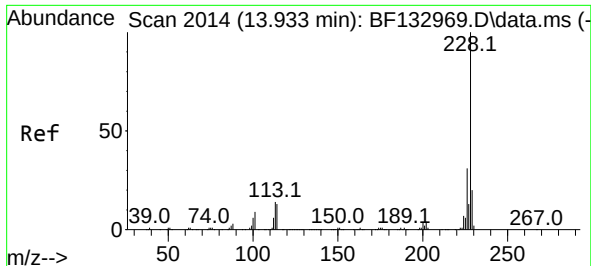


#82
3,3'-Dichlorobenzidine
Concen: 34.170 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



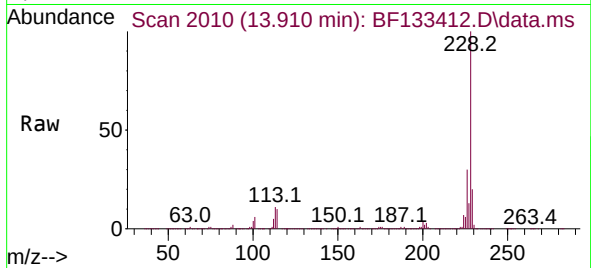
Tgt Ion:252 Resp: 374294
Ion Ratio Lower Upper
252 100
254 63.9 51.5 77.3
126 11.1 9.5 14.3





#83
Chrysene
Concen: 37.246 ng
RT: 13.910 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

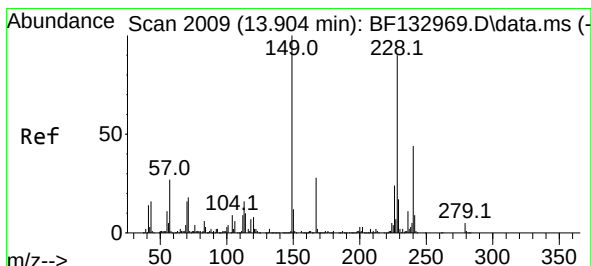
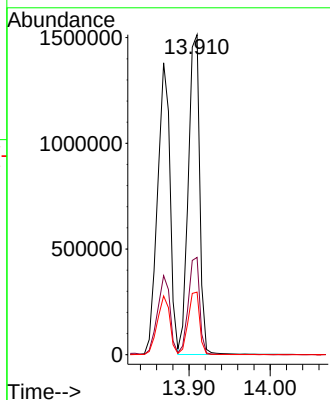
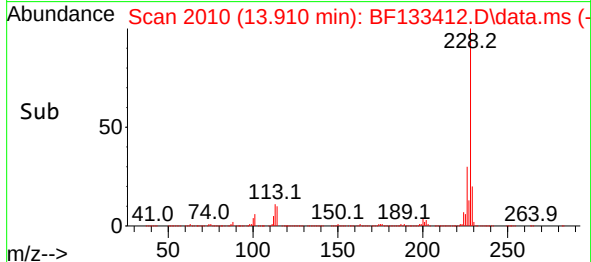
Instrument :
BNA_F
ClientSampleId :
PB152851BS



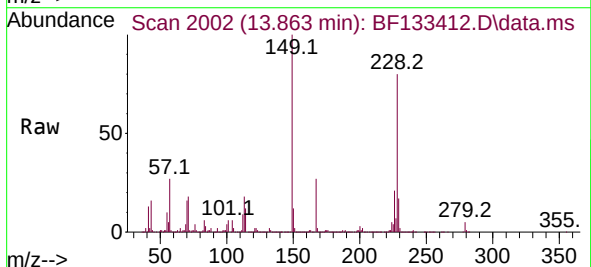
Tgt Ion:228 Resp: 1476492
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 19.6 16.1 24.1

Manual Integrations
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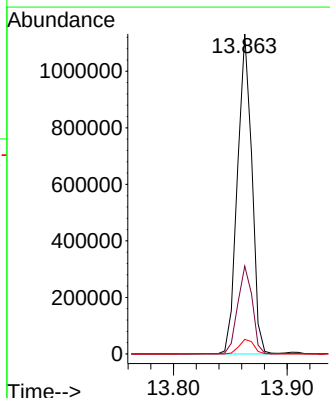
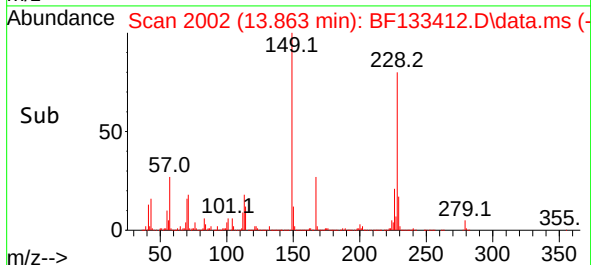
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

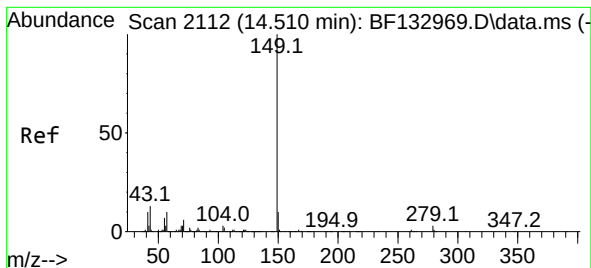


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.232 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:149 Resp: 993632
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 44.628 ng

RT: 14.474 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133412.D

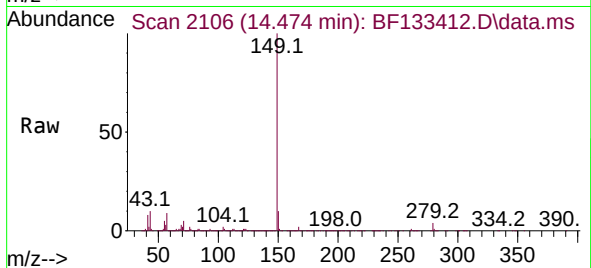
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS



Tgt Ion:149 Resp: 159853

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

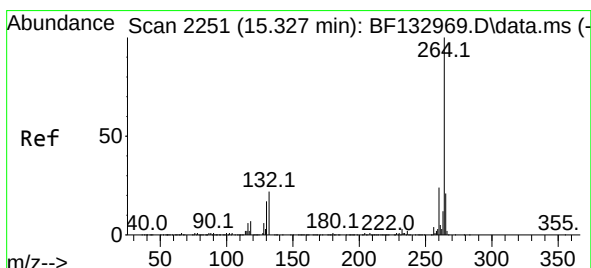
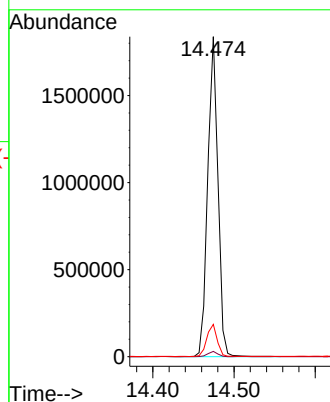
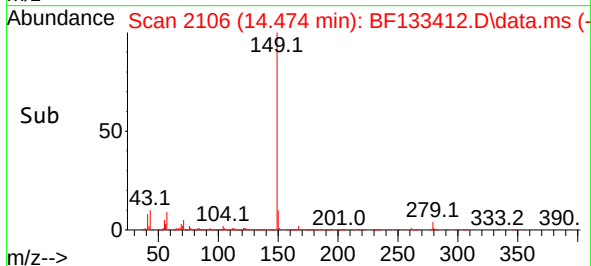
43 10.2 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

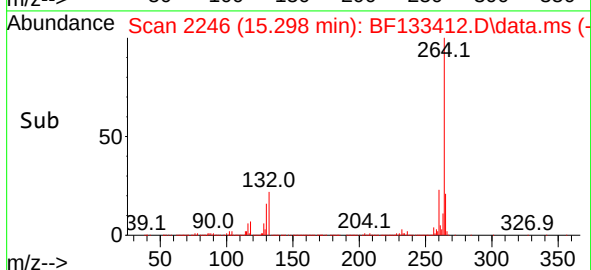
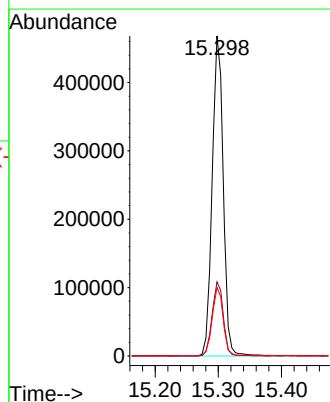
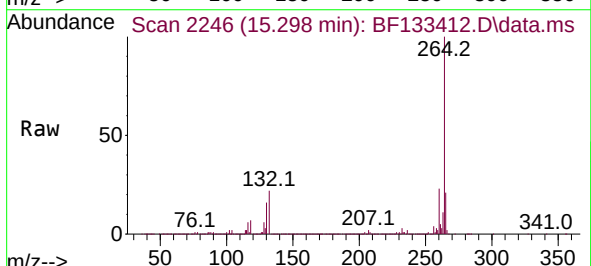
Tgt Ion:264 Resp: 569871

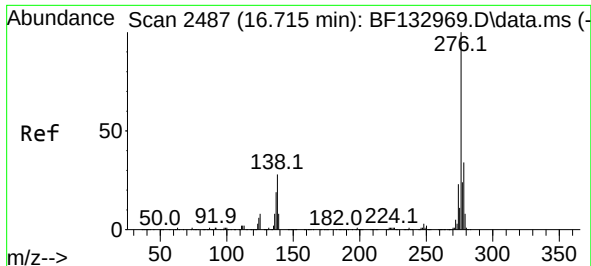
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.4 17.0 25.4





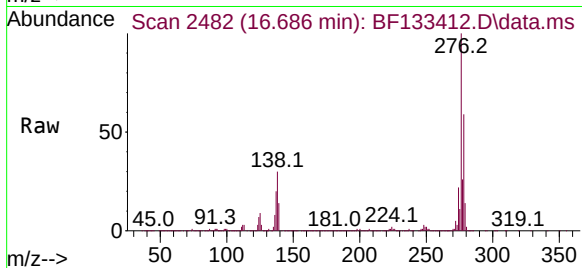
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.611 ng
RT: 16.686 min Scan# 2487
Delta R.T. -0.012 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

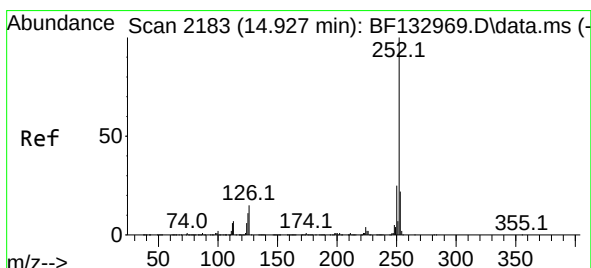
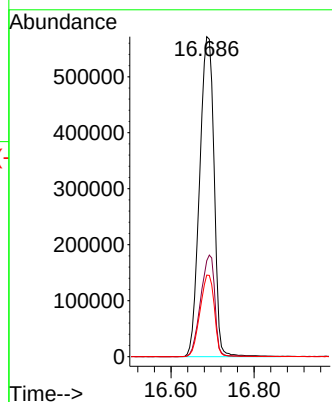
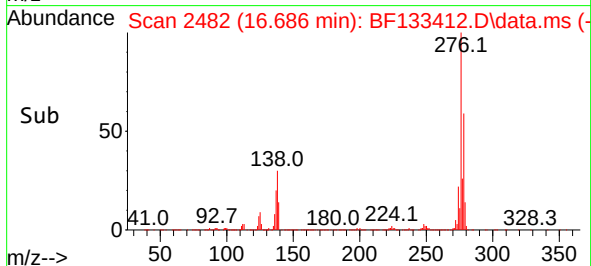


Tgt Ion:276 Resp: 138126
Ion Ratio Lower Upper
276 100
138 31.2 25.5 38.3
277 25.3 20.4 30.6

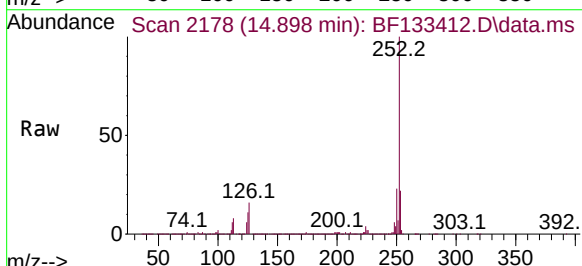
Manual Integrations

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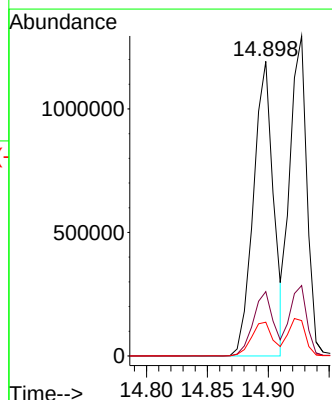
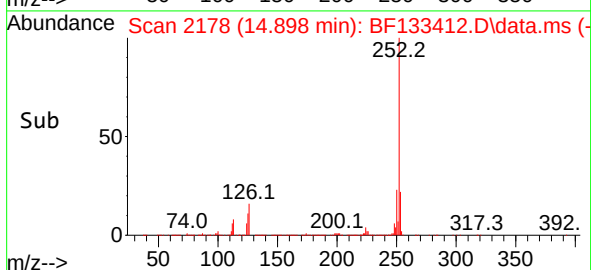
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

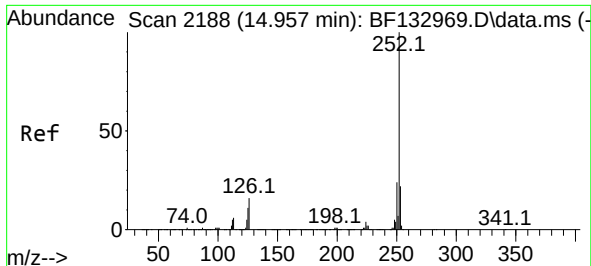


#88
Benzo(b)fluoranthene
Concen: 37.657 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:252 Resp: 1365238
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 35.205 ng

RT: 14.927 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB152851BS

Tgt Ion:252 Resp: 126520

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

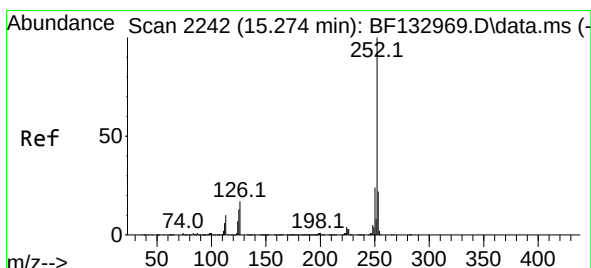
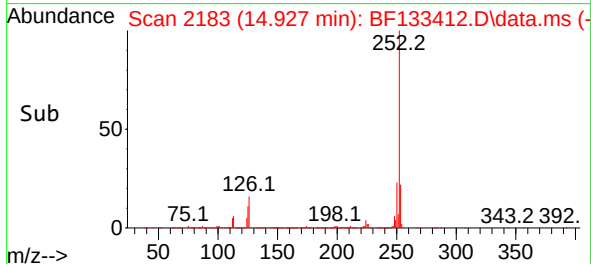
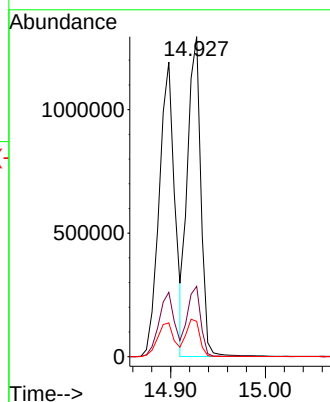
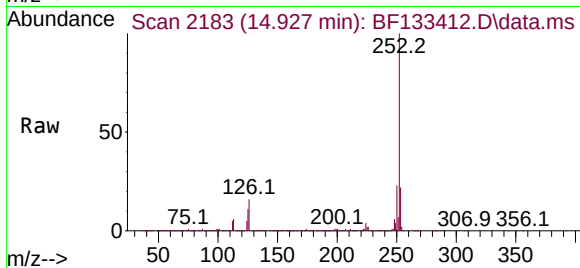
125 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#90

Benzo(a)pyrene

Concen: 34.704 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

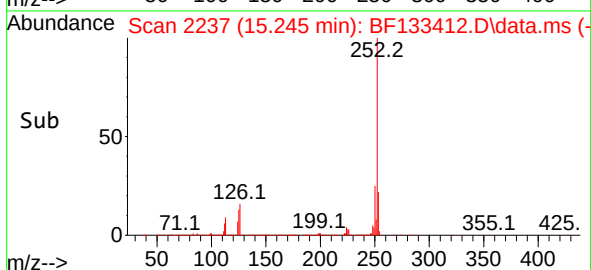
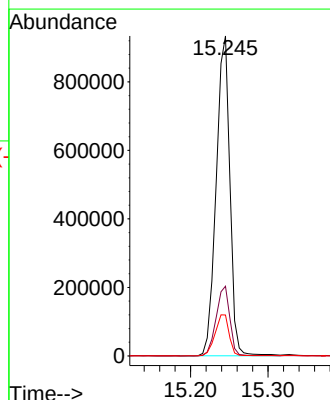
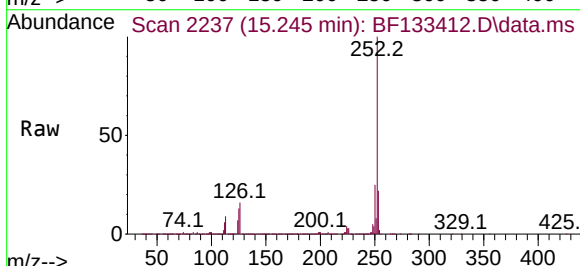
Tgt Ion:252 Resp: 1145187

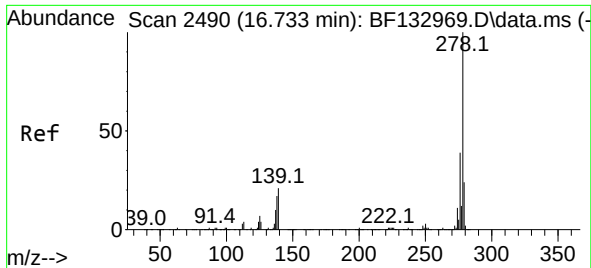
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

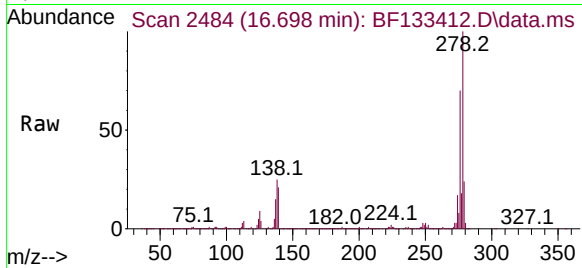
125 12.8 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 41.686 ng
RT: 16.698 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

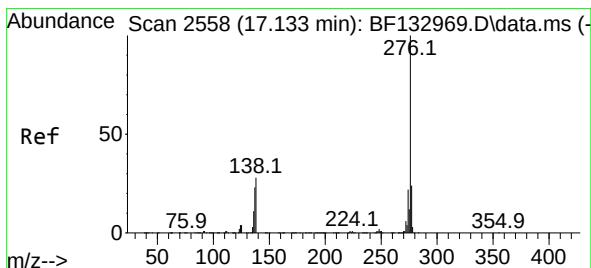
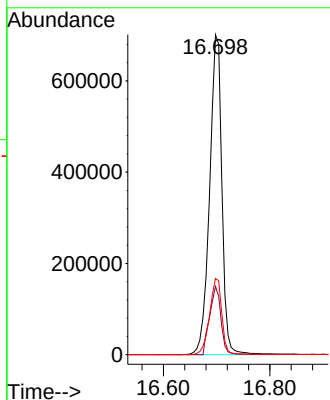
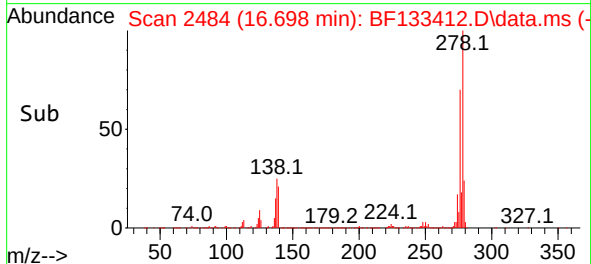
Instrument :
BNA_F
ClientSampleId :
PB152851BS



Tgt Ion:278 Resp: 1127010
Ion Ratio Lower Upper
278 100
139 21.3 16.6 24.8
279 23.8 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#92
Benzo(g,h,i)perylene
Concen: 43.307 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:276 Resp: 1155941
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 26.6 22.7 34.1

