

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133414.D
 Acq On : 17 May 2023 15:39
 Operator : CG\JU
 Sample : 02774-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS

Manual Integrations
 APPROVED

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

Quant Time: May 17 17:12:44 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	248846	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	1038096	20.000	ng	-0.01
39) Acenaphthene-d10	9.757	164	557626	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1004540	20.000	ng	0.00
76) Chrysene-d12	13.880	240	460502	20.000	ng	0.00
86) Perylene-d12	15.298	264	505271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1927569	117.012	ng	0.02
7) Phenol-d6	6.369	99	2228429	108.987	ng	0.00
23) Nitrobenzene-d5	7.286	82	1580427	82.176	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	695644	124.045	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2690580	80.723	ng	0.00
79) Terphenyl-d14	12.827	244	3053681	114.366	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	290793	38.058	ng	# 79
3) Pyridine	3.228	79	670755	33.052	ng	96
4) n-Nitrosodimethylamine	3.151	42	389134	37.019	ng	91
6) Aniline	6.381	93	567377	21.545	ng	# 1
8) 2-Chlorophenol	6.504	128	803088	48.015	ng	97
9) Benzaldehyde	6.263	77	321709	31.491	ng	99
10) Phenol	6.381	94	851483	37.749	ng	78
11) bis(2-Chloroethyl)ether	6.457	93	771344	45.570	ng	97
12) 1,3-Dichlorobenzene	6.657	146	804824	45.259	ng	98
13) 1,4-Dichlorobenzene	6.734	146	815318	45.748	ng	98
14) 1,2-Dichlorobenzene	6.886	146	777554	47.323	ng	99
15) Benzyl Alcohol	6.869	79	677440	47.964	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1155337	39.298	ng	77
17) 2-Methylphenol	6.987	107	643286	42.003	ng	95
18) Hexachloroethane	7.228	117	280724	45.307	ng	98
19) n-Nitroso-di-n-propyla...	7.139	70	525522	41.285	ng	96
20) 3+4-Methylphenols	7.145	107	783865	43.460	ng	# 62
22) Acetophenone	7.134	105	1104618	45.936	ng	92
24) Nitrobenzene	7.304	77	822161	42.187	ng	98
25) Isophorone	7.545	82	1587387	43.472	ng	99
26) 2-Nitrophenol	7.622	139	457146	48.633	ng	92
27) 2,4-Dimethylphenol	7.669	122	732826	45.466	ng	98
28) bis(2-Chloroethoxy)met...	7.757	93	958627	44.377	ng	99
29) 2,4-Dichlorophenol	7.869	162	688574	46.927	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	689032	45.327	ng	99
31) Naphthalene	8.022	128	2217792	42.731	ng	99
32) Benzoic acid	7.810	122	303843	30.518	ng	95
33) 4-Chloroaniline	8.075	127	264263	12.602	ng	99
34) Hexachlorobutadiene	8.139	225	374288	44.425	ng	98
35) Caprolactam	8.457	113	224506m	45.546	ng	
36) 4-Chloro-3-methylphenol	8.575	107	749326	47.356	ng	97
37) 2-Methylnaphthalene	8.716	142	1510935	42.581	ng	99
38) 1-Methylnaphthalene	8.816	142	1415488	42.642	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	636785	42.472	ng	99
41) Hexachlorocyclopentadiene	8.869	237	666130	76.182	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	470332	45.361	ng	98

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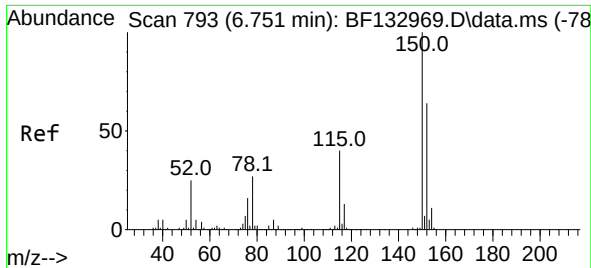
Manual Integrations
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Quant Time: May 17 17:12:44 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	503121	41.956	ng	98
46) 1,1'-Biphenyl	9.180	154	1881237	42.545	ng	99
47) 2-Chloronaphthalene	9.204	162	1431370	44.227	ng	99
48) 2-Nitroaniline	9.304	65	473244	44.244	ng	97
49) Acenaphthylene	9.622	152	2180071	42.157	ng	99
50) Dimethylphthalate	9.486	163	1817339	46.740	ng	99
51) 2,6-Dinitrotoluene	9.551	165	408395	46.666	ng	# 86
52) Acenaphthene	9.792	154	1528225m	44.124	ng	
53) 3-Nitroaniline	9.716	138	325227	31.255	ng	98
54) 2,4-Dinitrophenol	9.827	184	251859	57.255	ng	96
55) Dibenzofuran	9.963	168	1953590	41.350	ng	98
56) 4-Nitrophenol	9.898	139	601458	74.629	ng	94
57) 2,4-Dinitrotoluene	9.957	165	501759	44.959	ng	95
58) Fluorene	10.304	166	1489602	43.035	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	419226	45.094	ng	97
60) Diethylphthalate	10.186	149	1676904	45.659	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	725973	43.039	ng	98
62) 4-Nitroaniline	10.339	138	456606	47.744	ng	96
63) Azobenzene	10.457	77	1709434	43.938	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	238500	39.171	ng	97
66) n-Nitrosodiphenylamine	10.422	169	1401720	43.018	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	477145	43.796	ng	98
68) Hexachlorobenzene	10.857	284	527227	47.227	ng	98
69) Atrazine	10.951	200	501012	53.361	ng	99
70) Pentachlorophenol	11.057	266	494704	62.221	ng	97
71) Phenanthrene	11.269	178	2288210	42.381	ng	100
72) Anthracene	11.316	178	2364711	42.797	ng	99
73) Carbazole	11.474	167	2118372	43.057	ng	98
74) Di-n-butylphthalate	11.804	149	2636241	47.349	ng	99
75) Fluoranthene	12.451	202	2252056	41.562	ng	99
77) Benzidine	12.574	184	470560	60.426	ng	# 93
78) Pyrene	12.680	202	2257799	57.195	ng	98
80) Butylbenzylphthalate	13.298	149	951279	68.059	ng	95
81) Benzo(a)anthracene	13.868	228	1369440	43.245	ng	100
82) 3,3'-Dichlorobenzidine	13.827	252	308969	35.318	ng	# 96
83) Chrysene	13.904	228	1378847	43.552	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	1075238	61.288	ng	99
85) Di-n-octyl phthalate	14.474	149	1623573	56.755	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1678761	58.410	ng	99
88) Benzo(b)fluoranthene	14.892	252	1323670	41.178	ng	99
89) Benzo(k)fluoranthene	14.921	252	1339954	42.051	ng	99
90) Benzo(a)pyrene	15.239	252	1233777	42.168	ng	100
91) Dibenzo(a,h)anthracene	16.698	278	1398285	58.332	ng	99
92) Benzo(g,h,i)perylene	17.103	276	1375710	58.131	ng	97

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



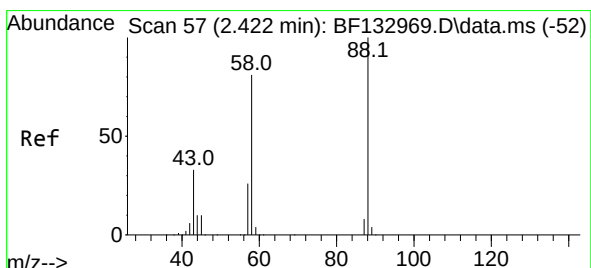
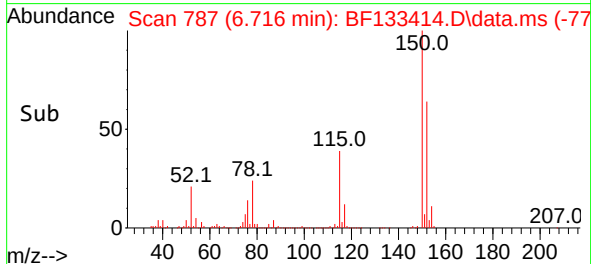
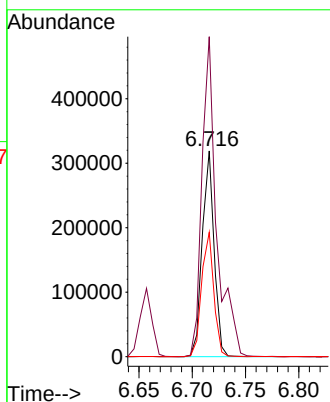
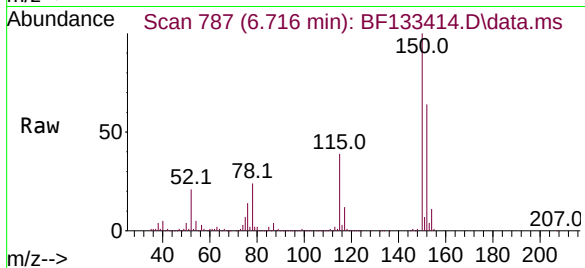
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

Tgt Ion:152 Resp: 248840
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 60.5 49.9 74.9

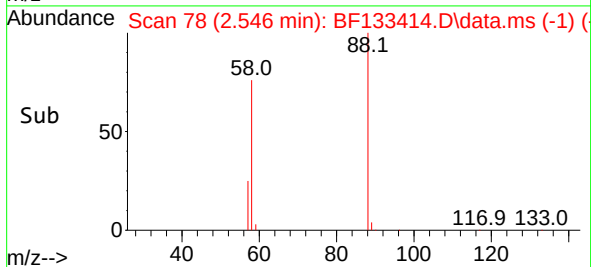
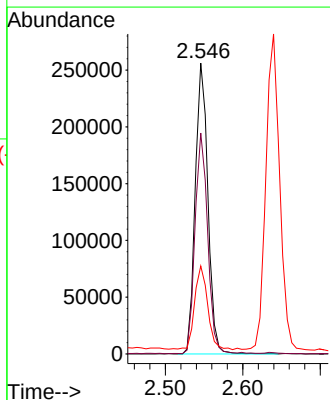
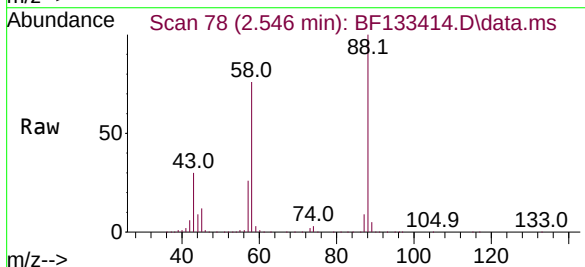
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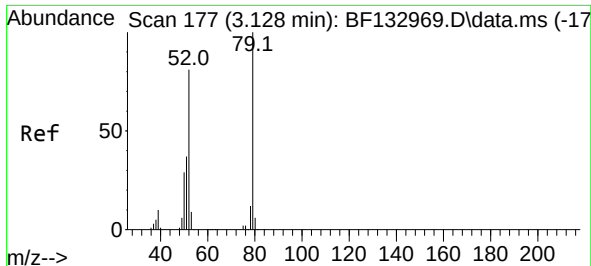
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#2
1,4-Dioxane
Concen: 38.058 ng
RT: 2.546 min Scan# 78
Delta R.T. 0.176 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

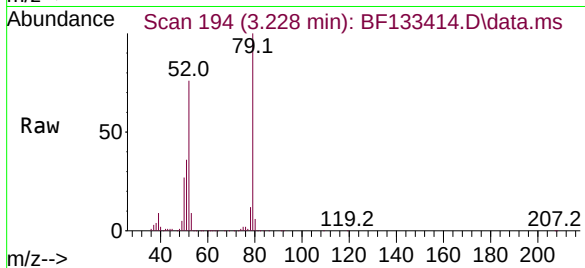
Tgt Ion: 88 Resp: 290793
Ion Ratio Lower Upper
88 100
58 75.5 64.7 97.1
43 0.0 26.2 39.2#





#3
Pyridine
Concen: 33.052 ng
RT: 3.228 min Scan# 180
Delta R.T. 0.165 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

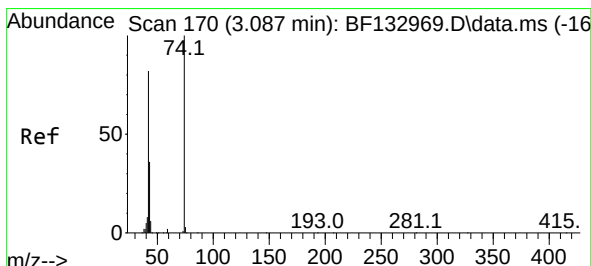
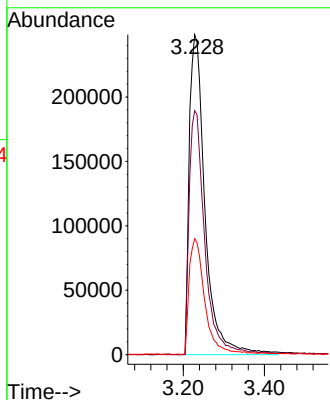
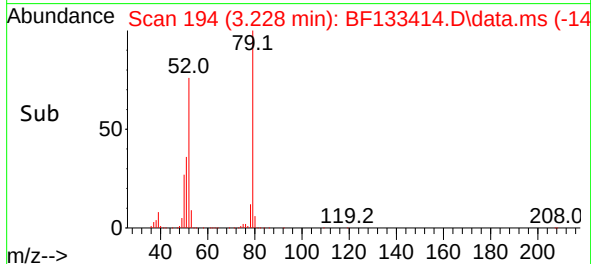
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



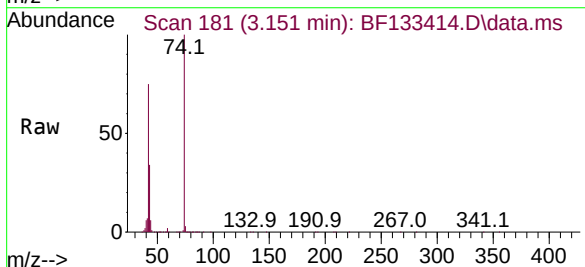
Tgt Ion: 79 Resp: 67075
Ion Ratio Lower Upper
79 100
52 76.2 64.6 96.8
51 36.2 30.0 45.0

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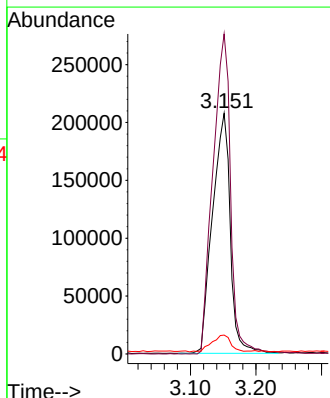
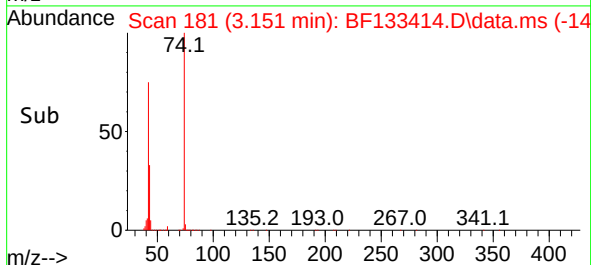
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

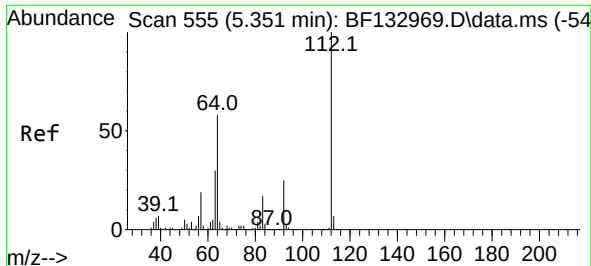


#4
n-Nitrosodimethylamine
Concen: 37.019 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.123 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



Tgt Ion: 42 Resp: 389134
Ion Ratio Lower Upper
42 100
74 133.0 98.0 147.0
44 7.8 5.8 8.8





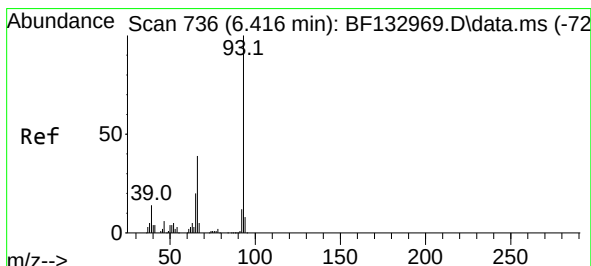
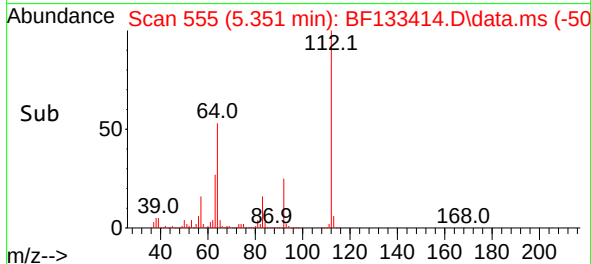
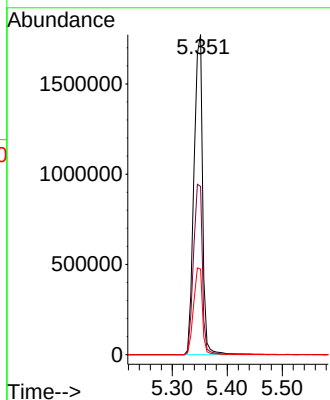
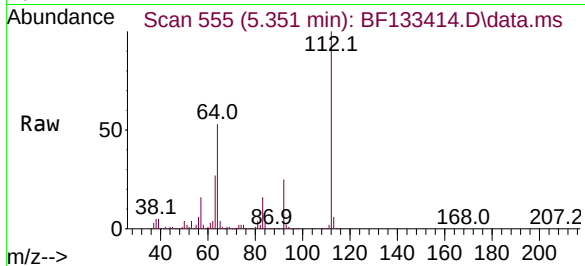
#5
2-Fluorophenol
Concen: 117.012 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

Tgt Ion:112 Resp: 1927569
Ion Ratio Lower Upper
112 100
64 52.6 46.8 70.2
63 26.8 23.8 35.8

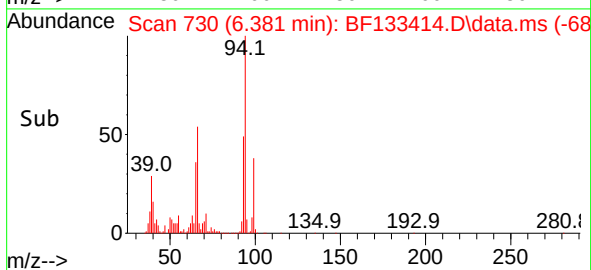
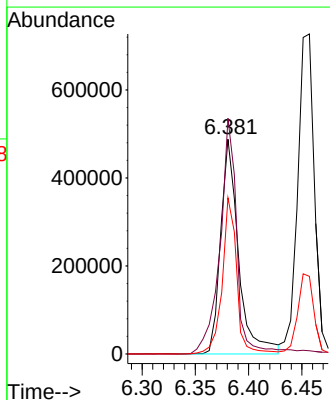
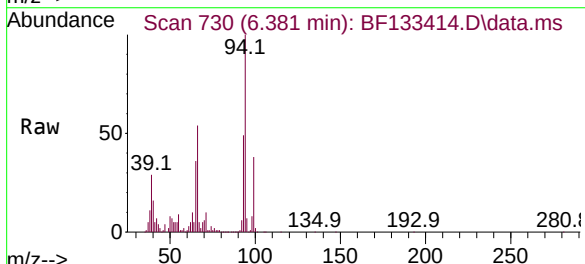
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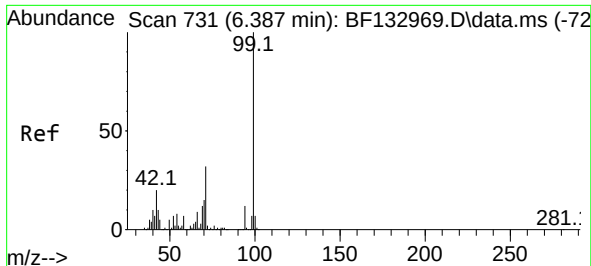
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#6
Aniline
Concen: 21.545 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

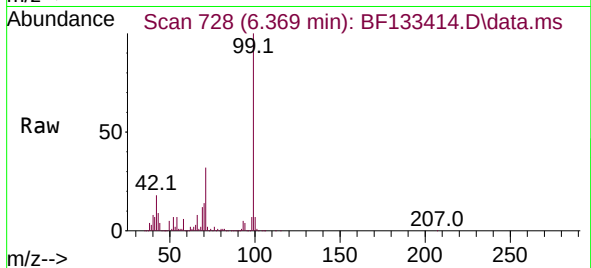
Tgt Ion: 93 Resp: 567377
Ion Ratio Lower Upper
93 100
66 109.8 31.5 47.3#
65 72.8 16.4 24.6#





#7
Phenol-d6
Concen: 108.987 ng
RT: 6.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

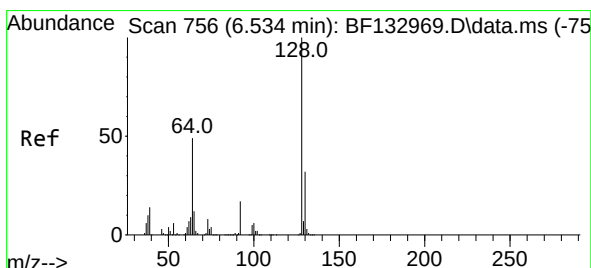
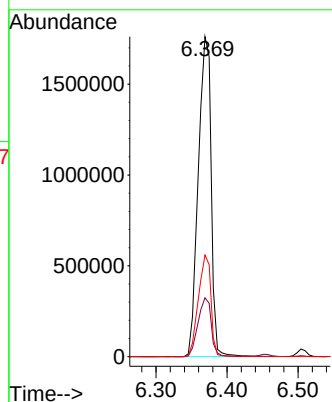
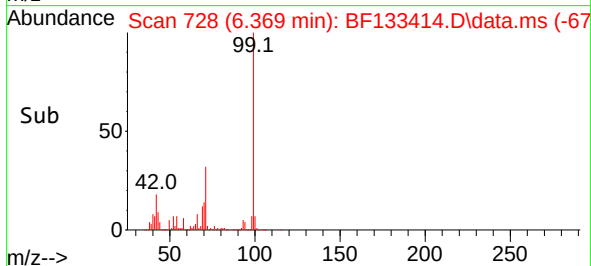
Instrument :
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Tgt Ion: 99 Resp: 2228429
Ion Ratio Lower Upper
99 100
42 18.4 16.3 24.5
71 31.7 25.6 38.4

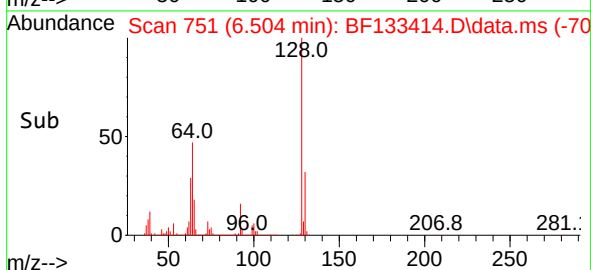
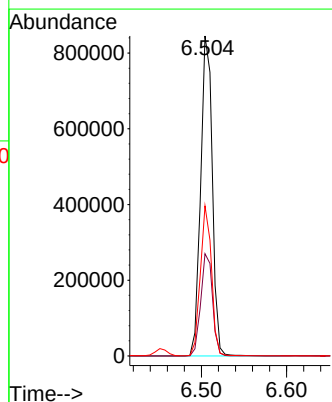
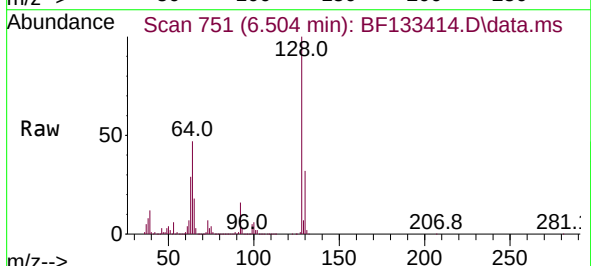
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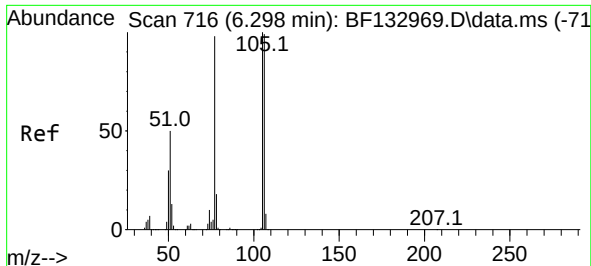
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#8
2-Chlorophenol
Concen: 48.015 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

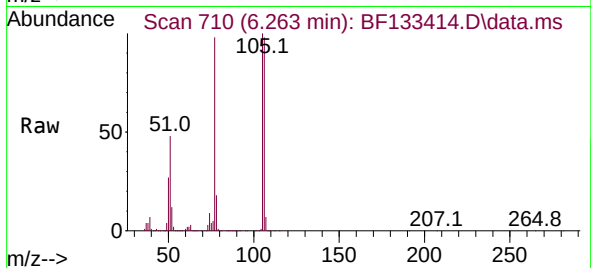
Tgt Ion:128 Resp: 803088
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 46.9 30.3 70.3





#9
Benzaldehyde
Concen: 31.491 ng
RT: 6.263 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

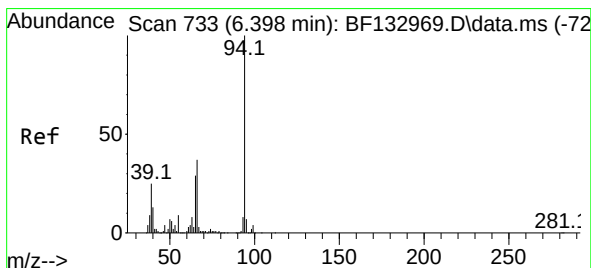
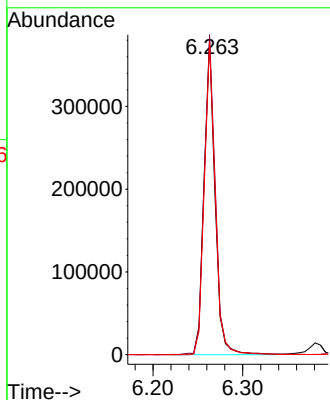
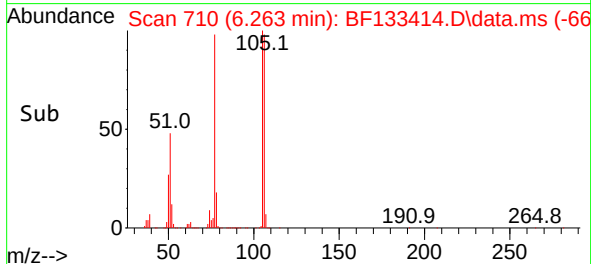
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion: 77 Resp: 321709
Ion Ratio Lower Upper
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105 101.8 82.3 122.3
106 99.4 80.8 120.8

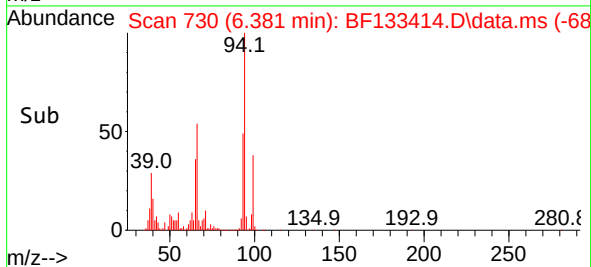
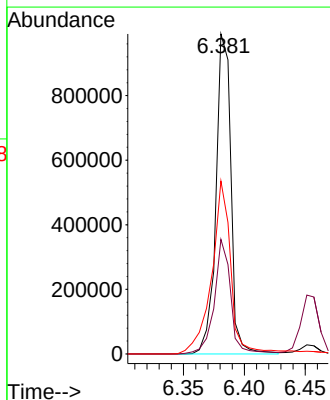
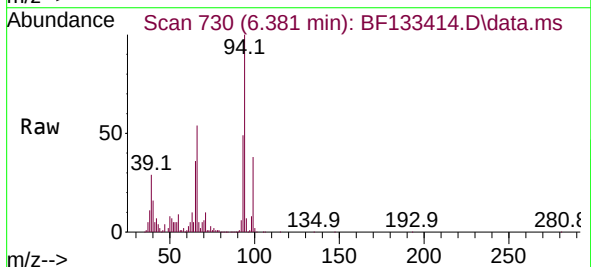
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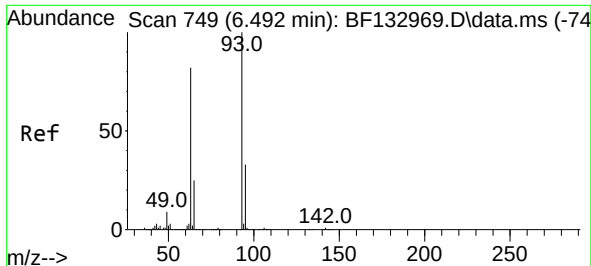
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#10
Phenol
Concen: 37.749 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

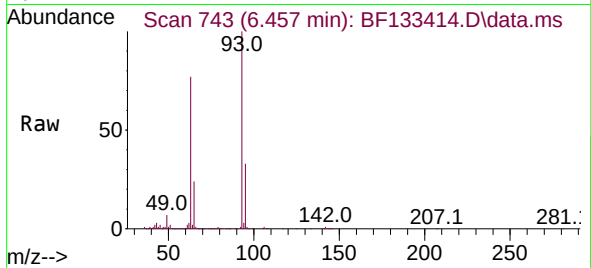
Tgt Ion: 94 Resp: 851483
Ion Ratio Lower Upper
94 100
65 35.8 8.6 48.6
66 54.1 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 45.570 ng
RT: 6.457 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

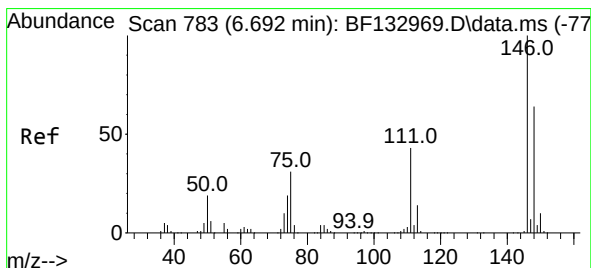
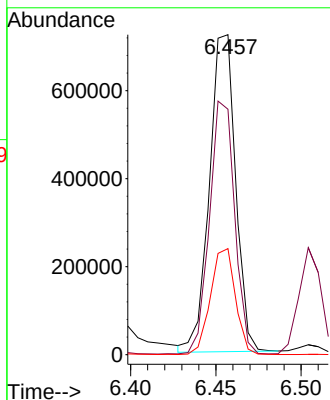
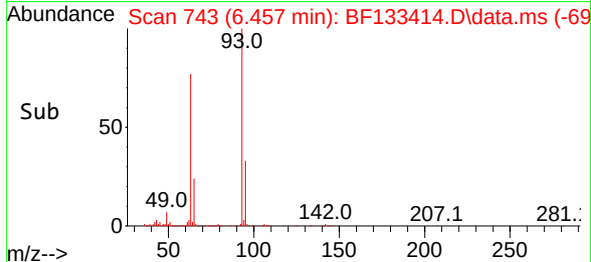
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion: 93 Resp: 771344
Ion Ratio Lower Upper
93 100
63 76.7 60.6 100.6
95 33.1 12.9 52.9

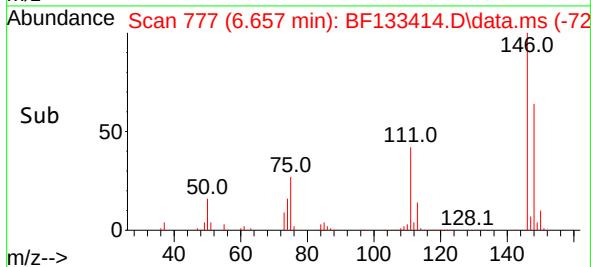
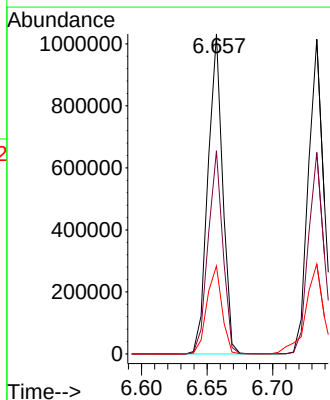
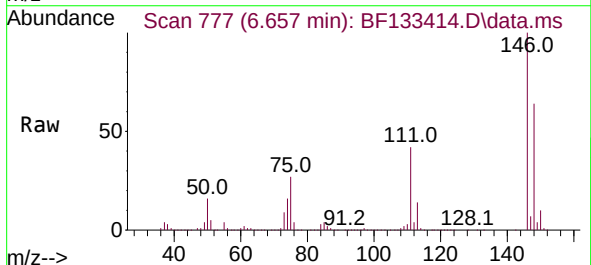
Manual Integrations
APPROVED

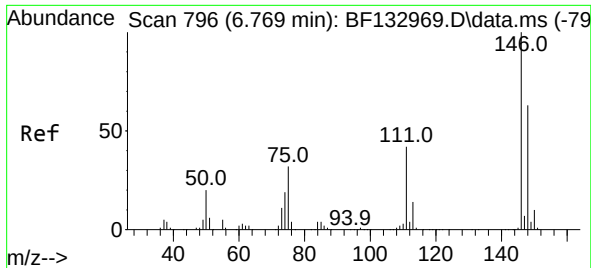
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#12
1,3-Dichlorobenzene
Concen: 45.259 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:146 Resp: 804824
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 27.5 24.8 37.2





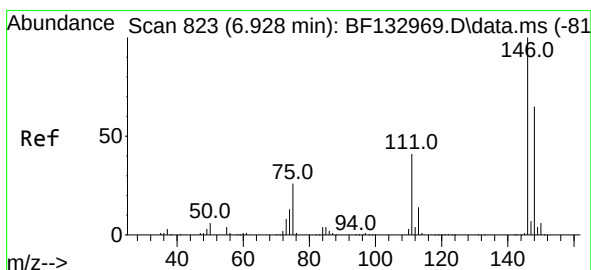
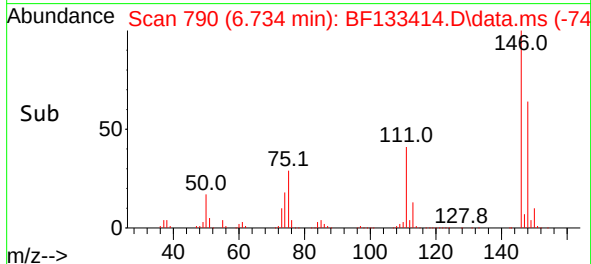
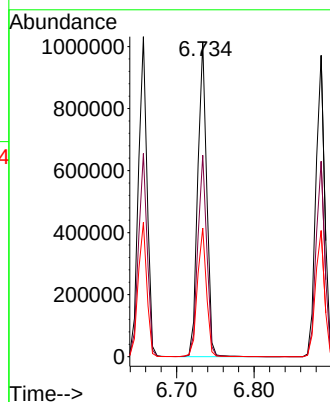
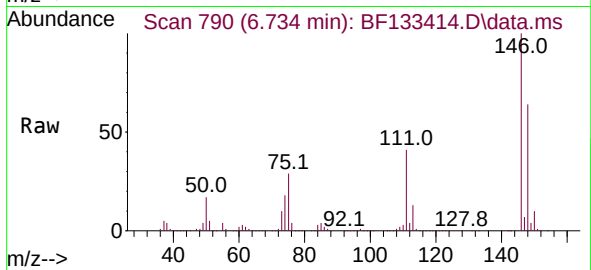
#13
1,4-Dichlorobenzene
Concen: 45.748 ng
RT: 6.734 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

Tgt Ion:146 Resp: 815318
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
111 40.9 33.8 50.6

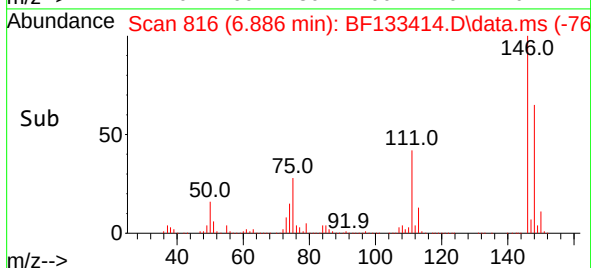
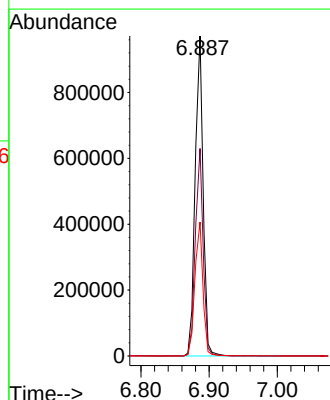
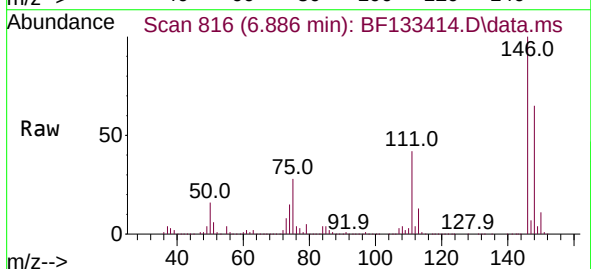
Manual Integrations
APPROVED

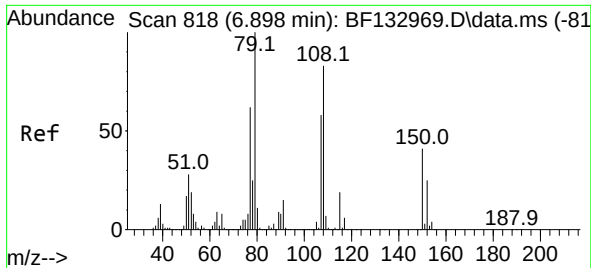
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#14
1,2-Dichlorobenzene
Concen: 47.323 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:146 Resp: 777554
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.2
111 41.9 32.8 49.2





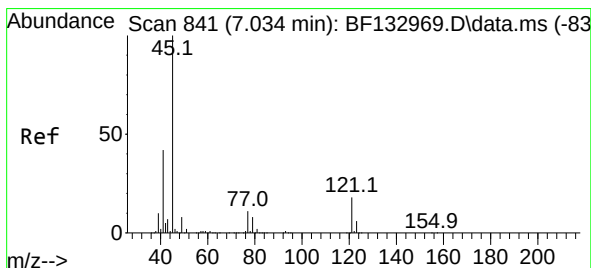
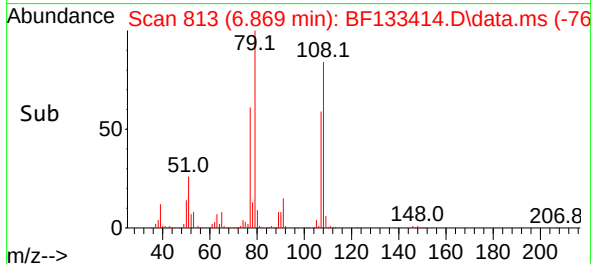
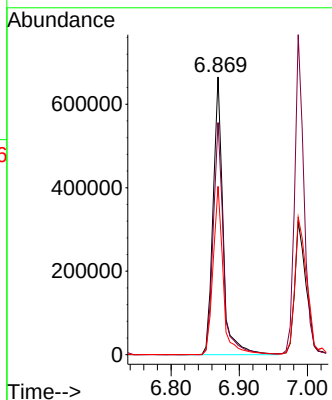
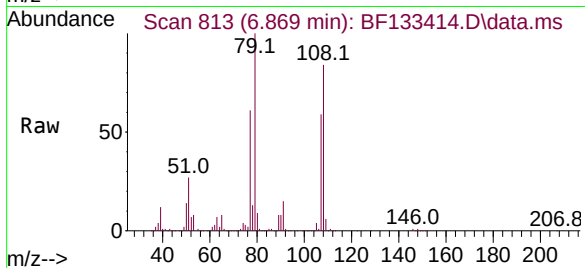
#15
Benzyl Alcohol
Concen: 47.964 ng
RT: 6.869 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

Tgt Ion: 79 Resp: 677440
Ion Ratio Lower Upper
79 100
108 83.5 66.6 99.8
77 60.6 49.2 73.8

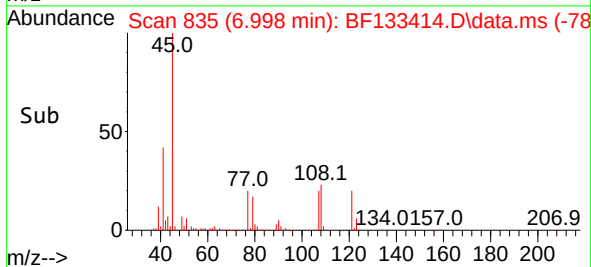
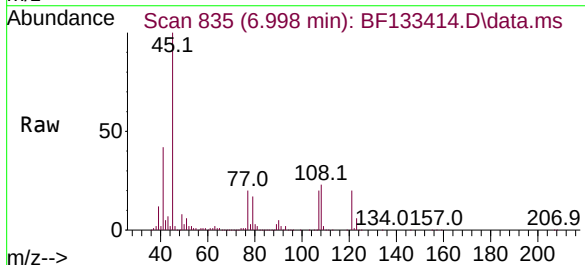
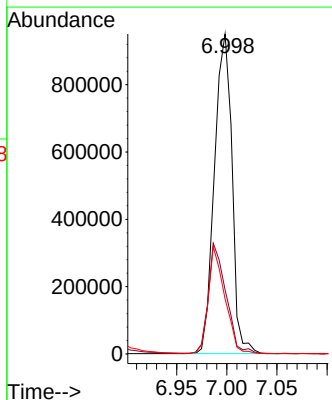
Manual Integrations
APPROVED

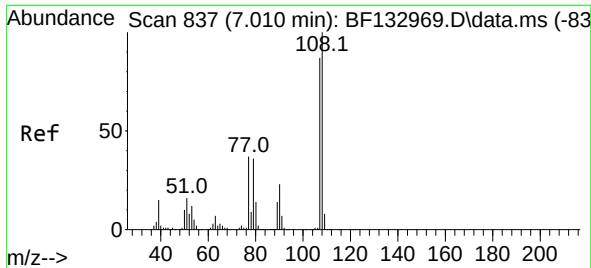
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.298 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

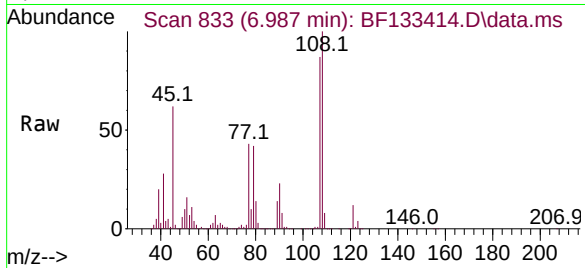
Tgt Ion: 45 Resp: 1155337
Ion Ratio Lower Upper
45 100
77 20.0 0.0 31.5
79 17.2 0.0 28.7





#17
2-Methylphenol
Concen: 42.003 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

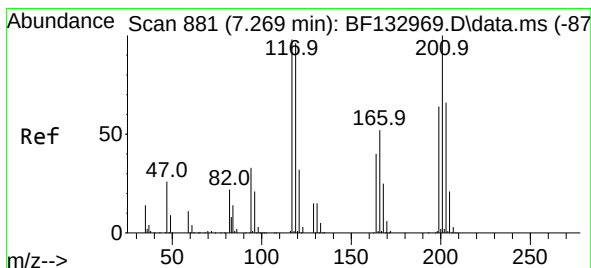
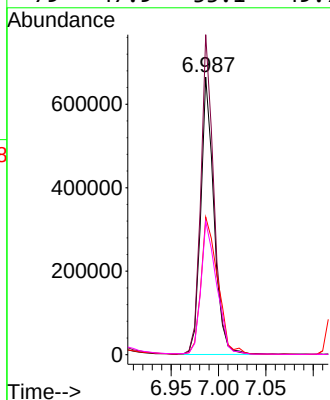
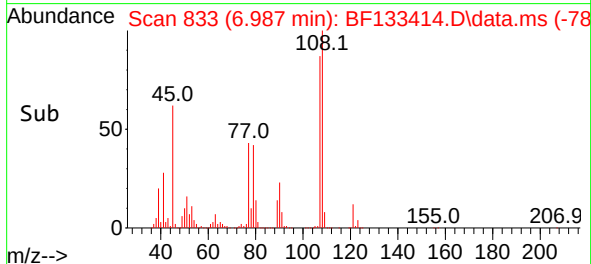
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:	107	Resp:	643280
Ion Ratio	Lower	Upper	
107	100		
108	115.3	92.4	138.6
77	49.6	33.8	50.8
79	47.9	33.1	49.7

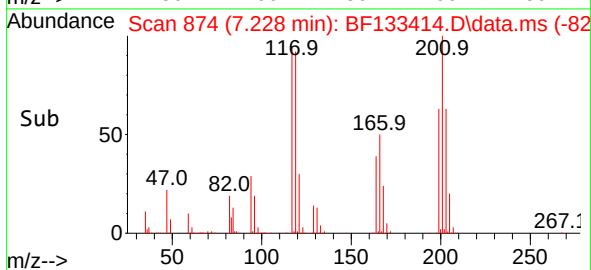
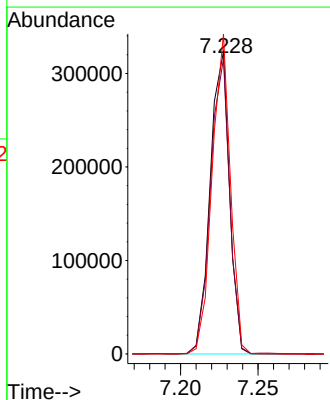
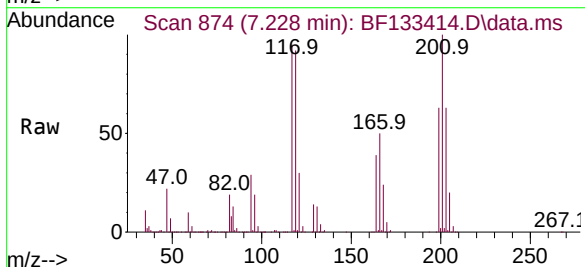
Manual Integrations
APPROVED

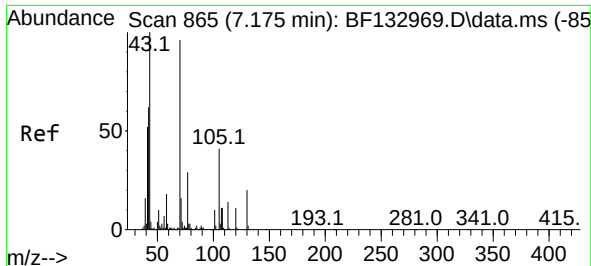
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#18
Hexachloroethane
Concen: 45.307 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:	117	Resp:	280724
Ion Ratio	Lower	Upper	
117	100		
119	97.6	78.2	117.4
201	105.8	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.285 ng

RT: 7.139 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF133414.D

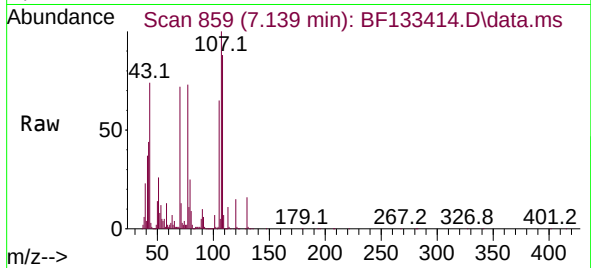
Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS



Tgt Ion: 70 Resp: 52552

Ion Ratio Lower Upper

70 100

42 61.3 51.8 77.6

101 9.9 8.0 12.0

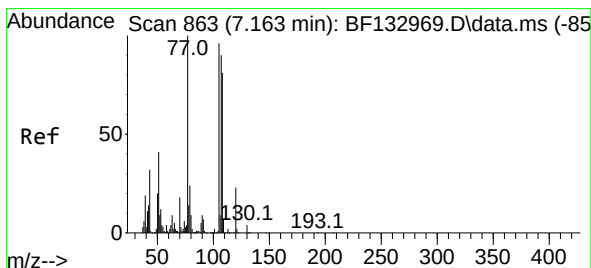
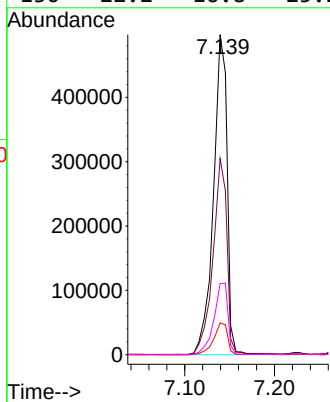
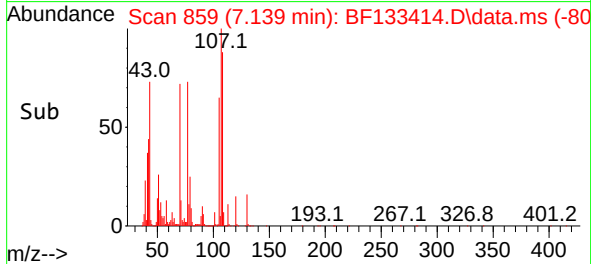
130 22.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#20

3+4-Methylphenols

Concen: 43.460 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Tgt Ion:107 Resp: 783865

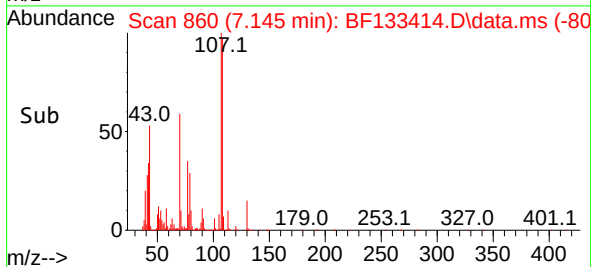
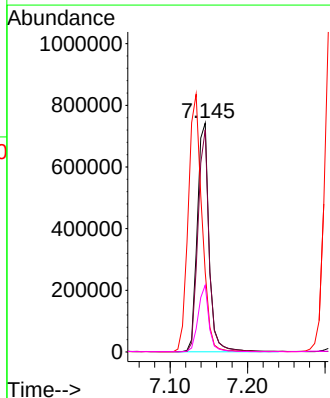
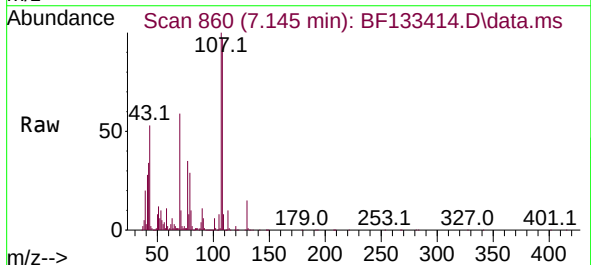
Ion Ratio Lower Upper

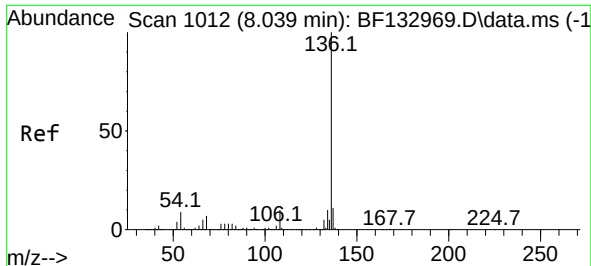
107 100

108 97.1 70.5 110.5

77 34.7 91.7 131.7#

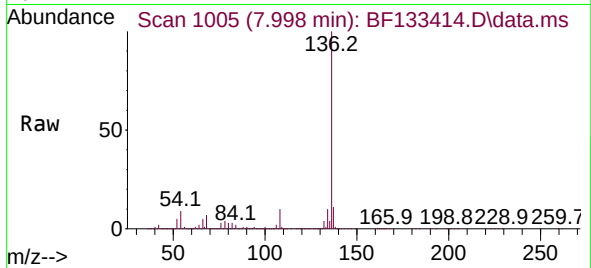
79 29.2 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

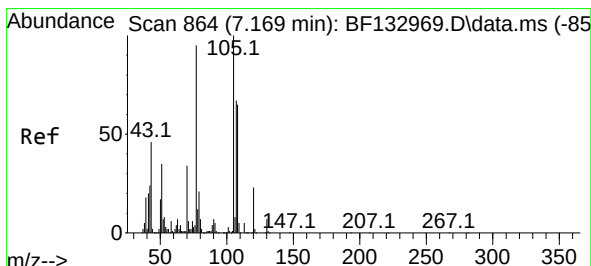
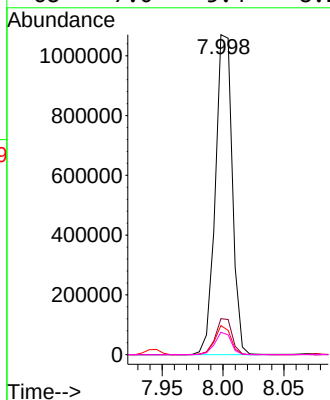
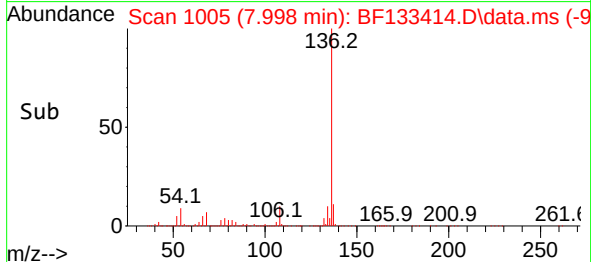
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:136 Resp: 1038090
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.1 7.0 10.4
68 7.0 5.4 8.2

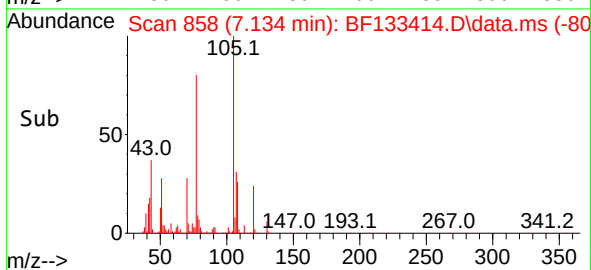
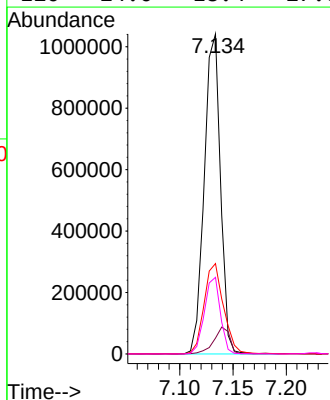
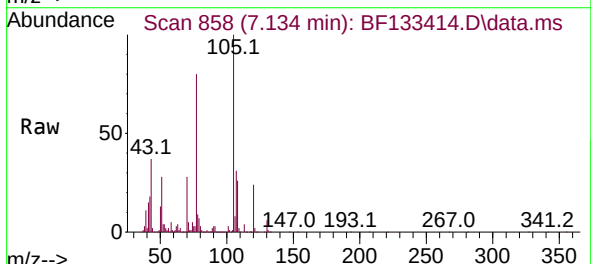
Manual Integrations
APPROVED

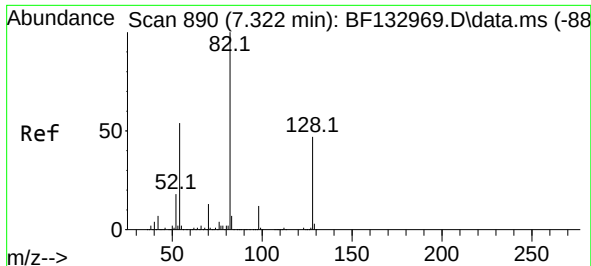
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#22
Acetophenone
Concen: 45.936 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:105 Resp: 1104618
Ion Ratio Lower Upper
105 100
71 4.9 4.6 7.0
51 28.3 28.2 42.2
120 24.0 18.4 27.6





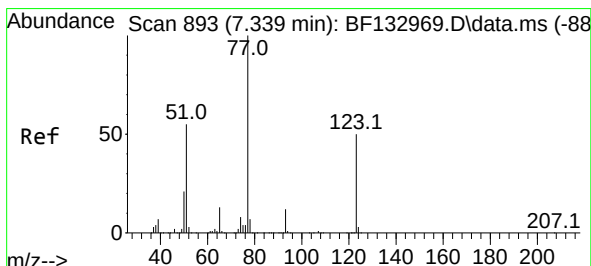
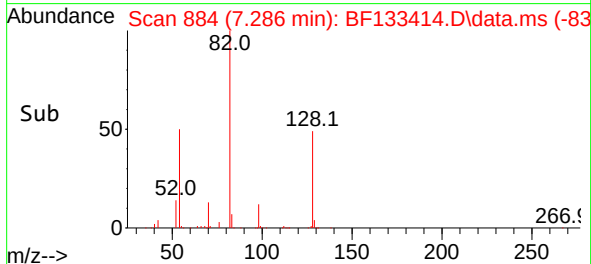
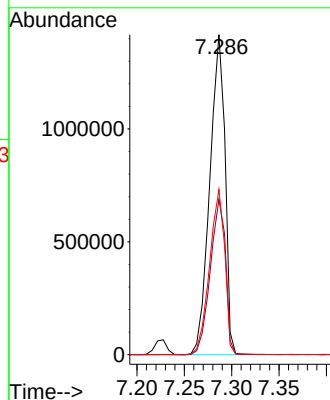
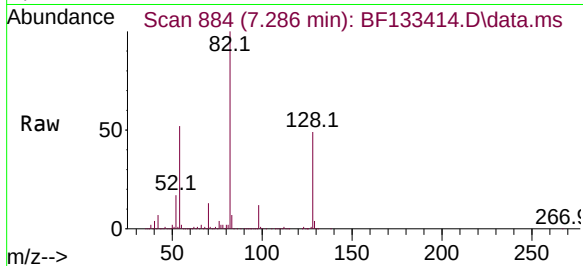
#23
Nitrobenzene-d5
Concen: 82.176 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

Tgt Ion: 82 Resp: 158042
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 51.6 43.0 64.4

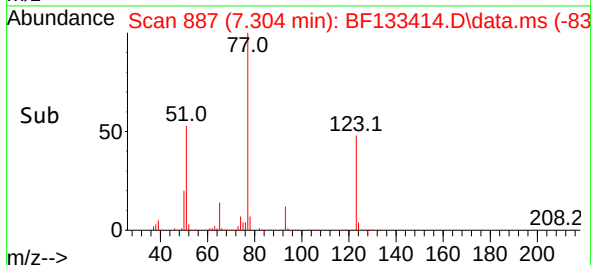
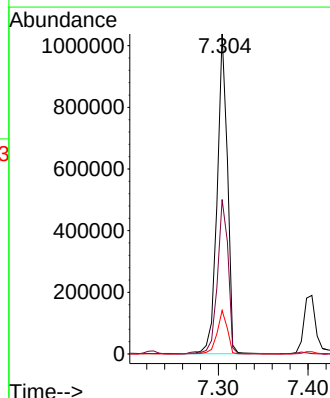
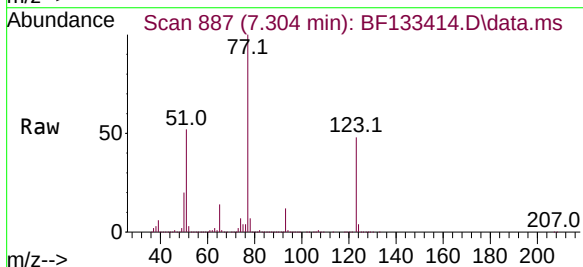
Manual Integrations
APPROVED

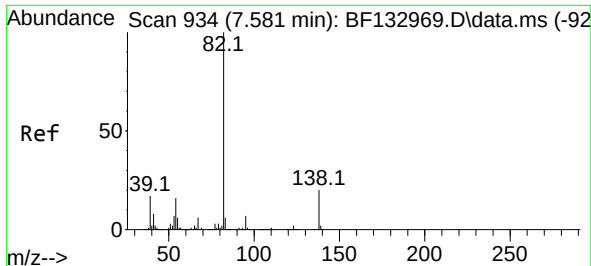
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#24
Nitrobenzene
Concen: 42.187 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

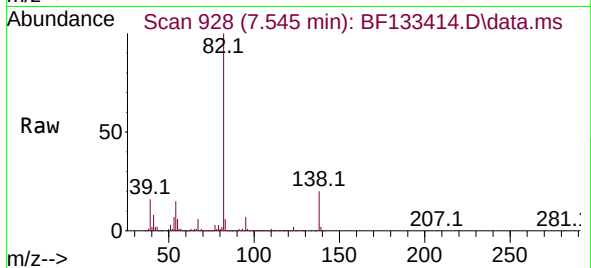
Tgt Ion: 77 Resp: 822161
Ion Ratio Lower Upper
77 100
123 48.2 39.9 59.9
65 13.6 10.7 16.1





#25
Isophorone
Concen: 43.472 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

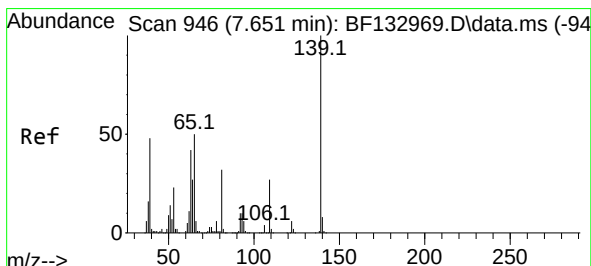
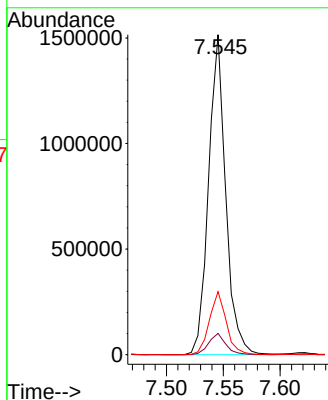
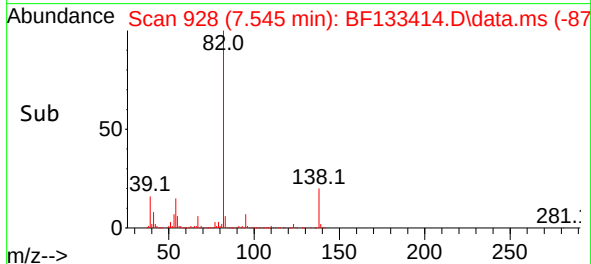
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion: 82 Resp: 158738
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.7 16.0 24.0

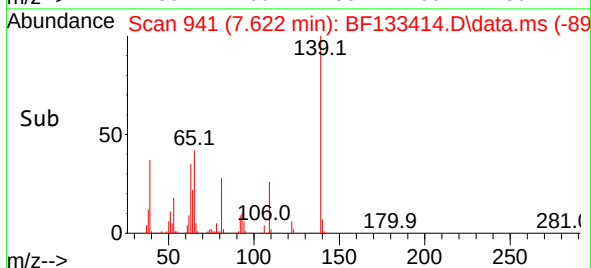
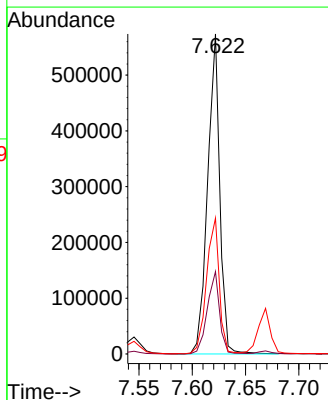
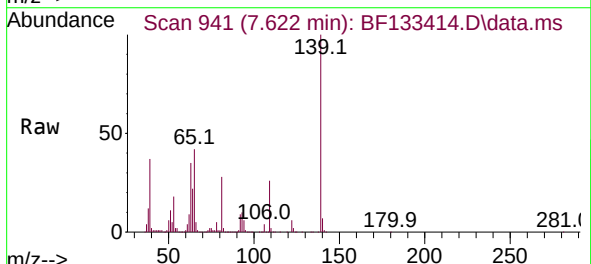
Manual Integrations
APPROVED

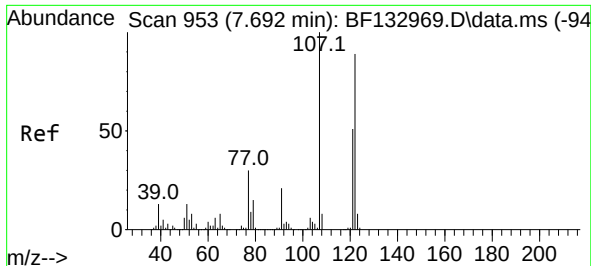
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#26
2-Nitrophenol
Concen: 48.633 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:139 Resp: 457146
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 42.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.466 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF133414.D

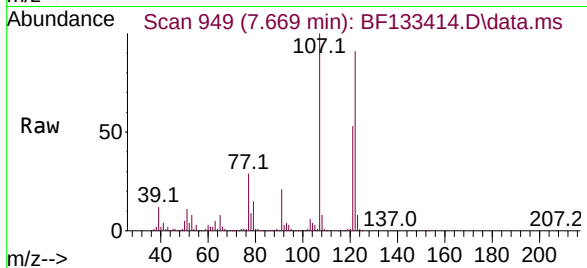
Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

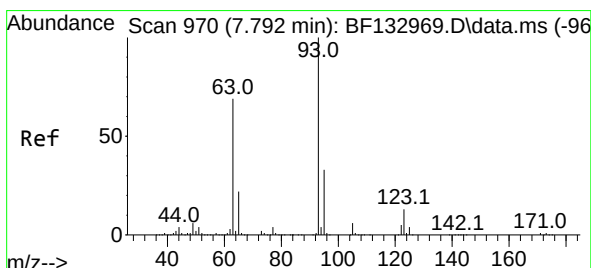
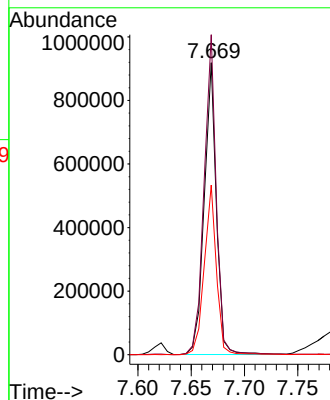
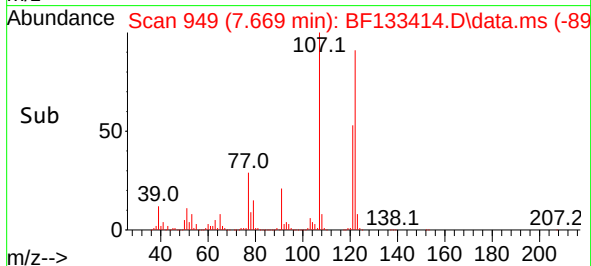


Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.6	89.7	134.5
121	58.1	46.0	69.0

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 44.377 ng

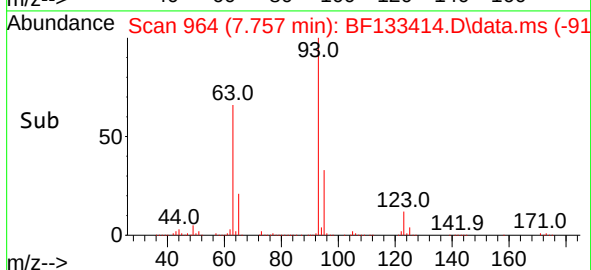
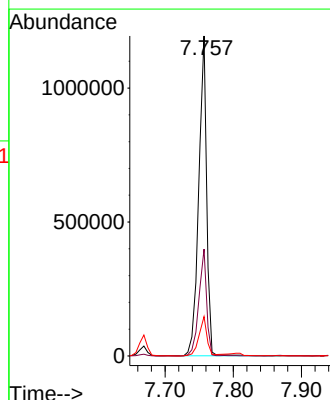
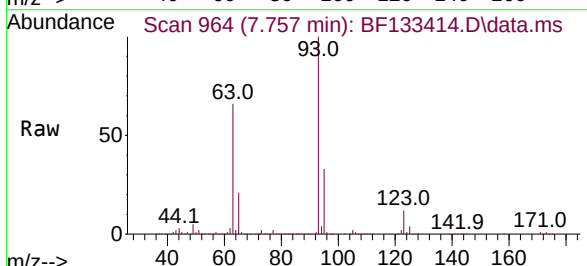
RT: 7.757 min Scan# 964

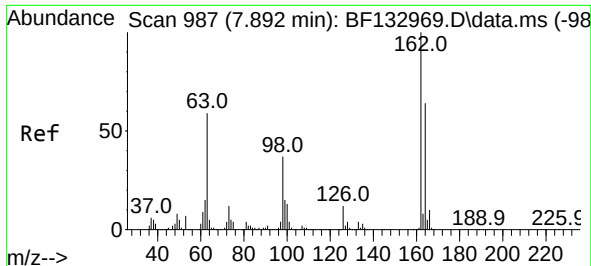
Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.4	39.6
123	12.3	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 46.927 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

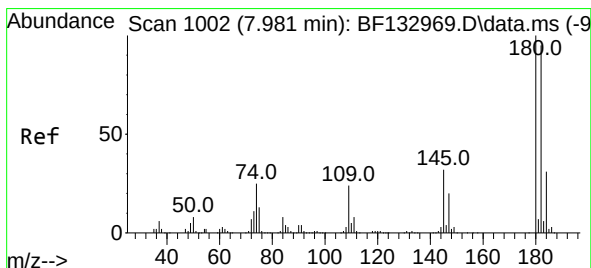
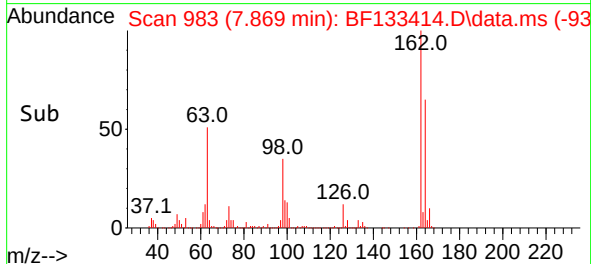
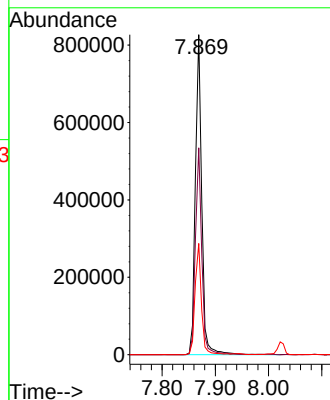
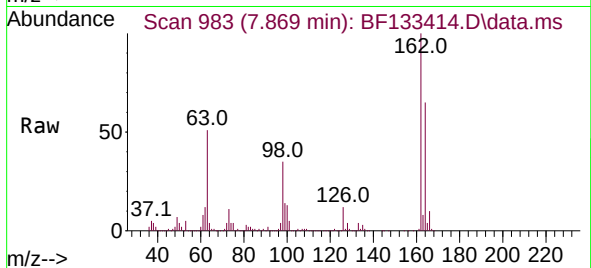
WC-N-1MS

Tgt Ion:162 Resp: 688574
 Ion Ratio Lower Upper
 162 100
 164 64.6 43.9 83.9
 98 34.8 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: 45.327 ng

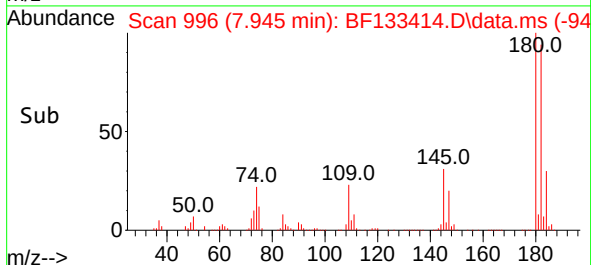
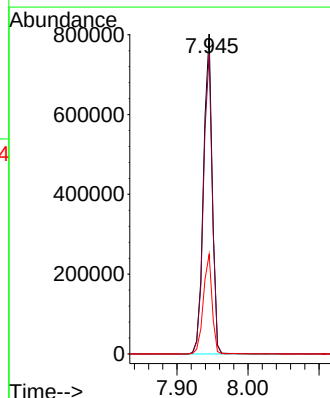
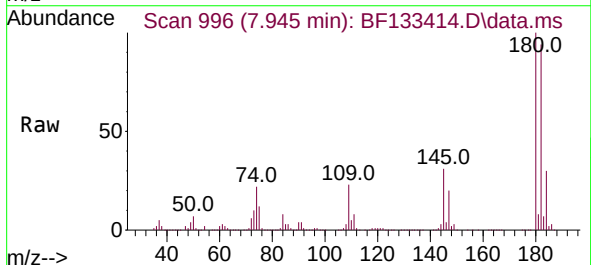
RT: 7.945 min Scan# 996

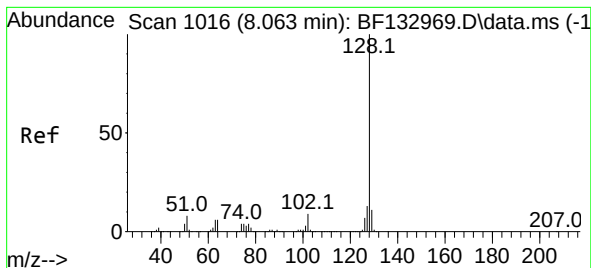
Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

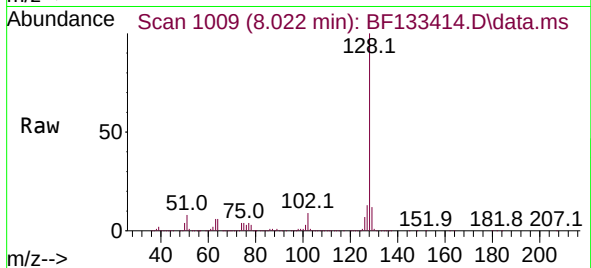
Tgt Ion:180 Resp: 689032
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.9 113.9
 145 31.1 25.3 37.9





#31
Naphthalene
Concen: 42.731 ng
RT: 8.022 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

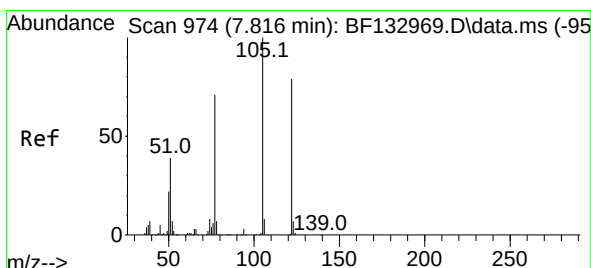
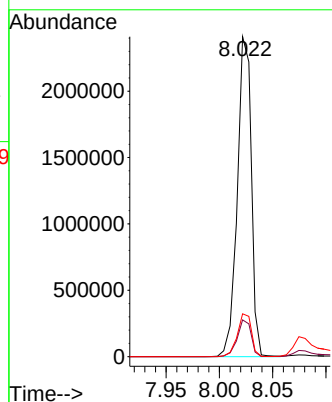
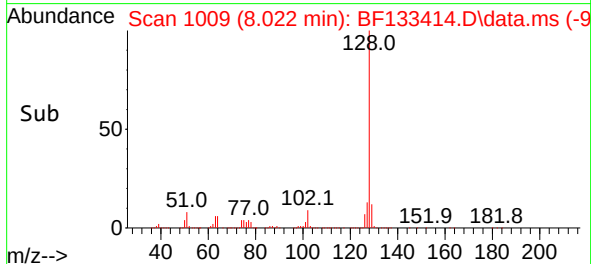
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:128 Resp: 2217792
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.7 16.1

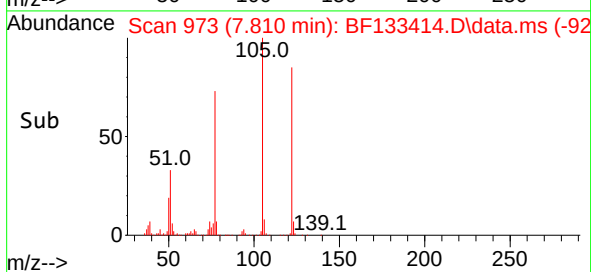
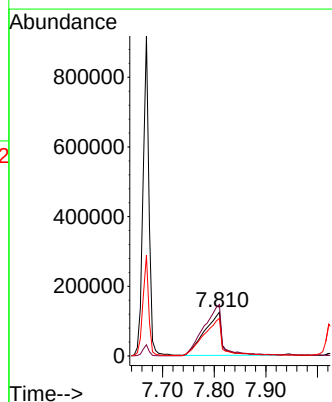
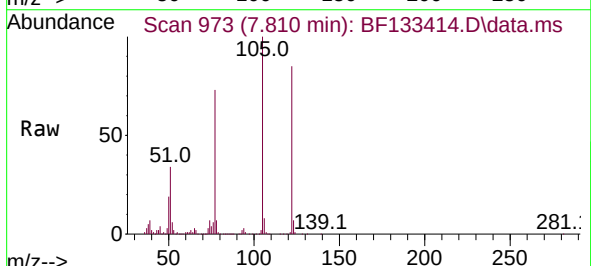
Manual Integrations
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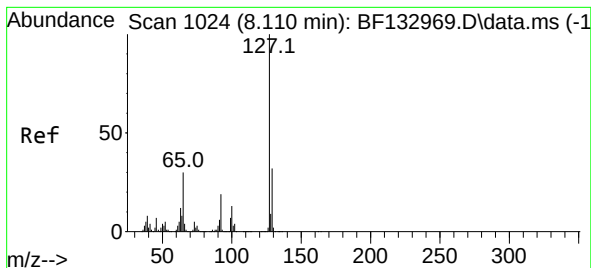
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#32
Benzoic acid
Concen: 30.518 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

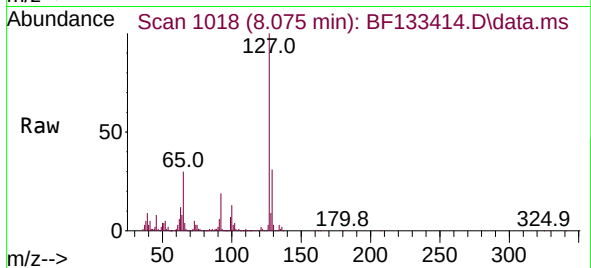
Tgt Ion:122 Resp: 303843
Ion Ratio Lower Upper
122 100
105 117.5 104.2 144.2
77 86.0 69.7 109.7





#33
4-Chloroaniline
Concen: 12.602 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

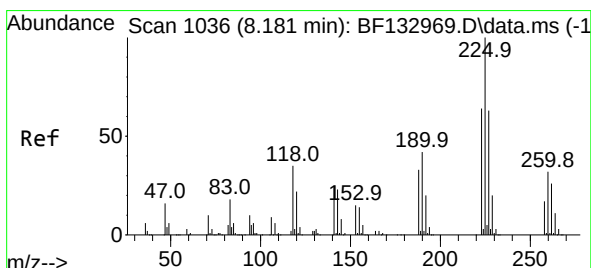
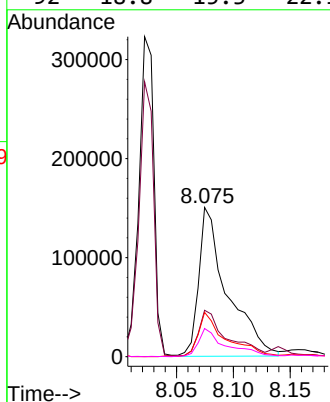
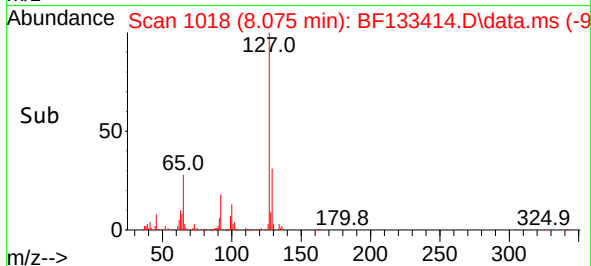
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:127 Resp: 26426
Ion Ratio Lower Upper
127 100
129 31.1 25.8 38.8
65 29.7 23.6 35.4
92 18.8 15.3 22.9

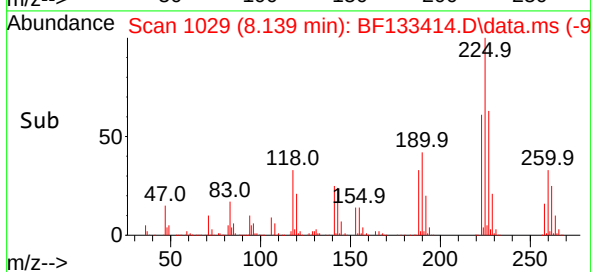
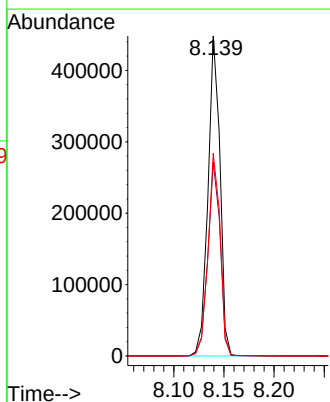
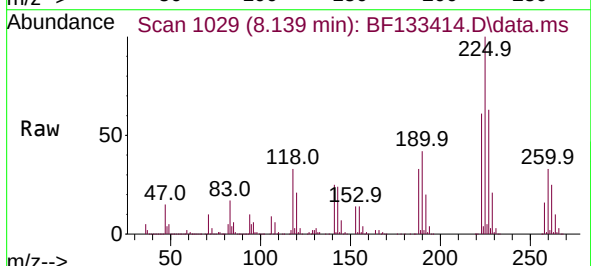
Manual Integrations
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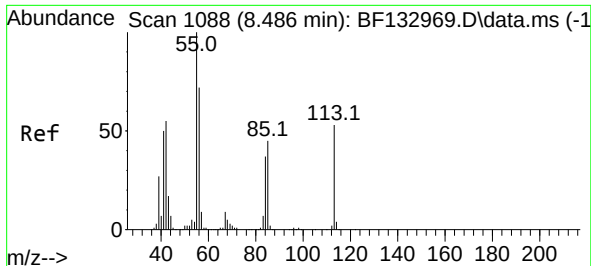
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#34
Hexachlorobutadiene
Concen: 44.425 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

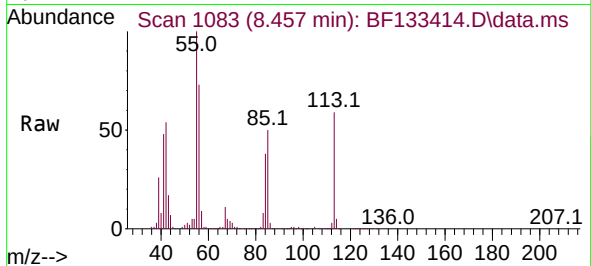
Tgt Ion:225 Resp: 374288
Ion Ratio Lower Upper
225 100
223 60.6 50.9 76.3
227 63.3 50.3 75.5





#35
Caprolactam
Concen: 45.546 ng m
RT: 8.457 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

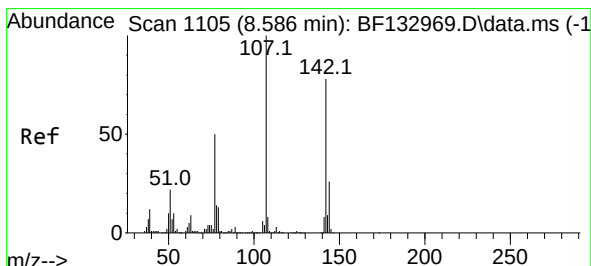
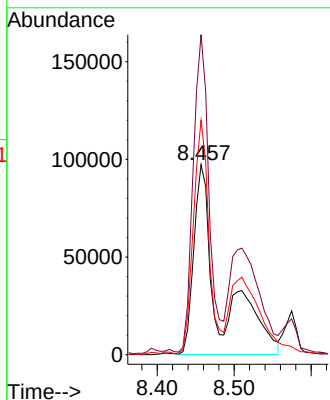
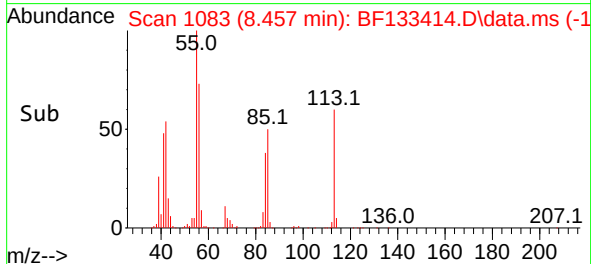
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:113 Resp: 224500
Ion Ratio Lower Upper
113 100
55 168.4 167.1 207.1
56 123.4 114.5 154.5

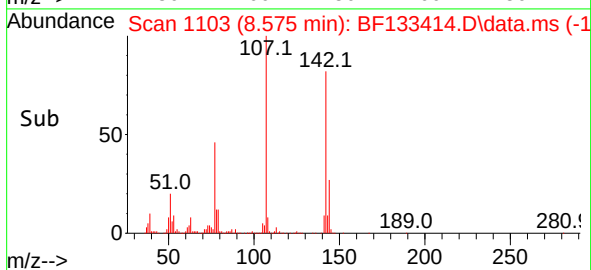
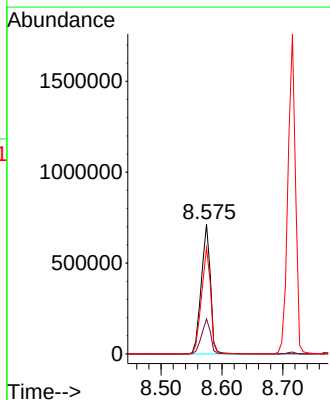
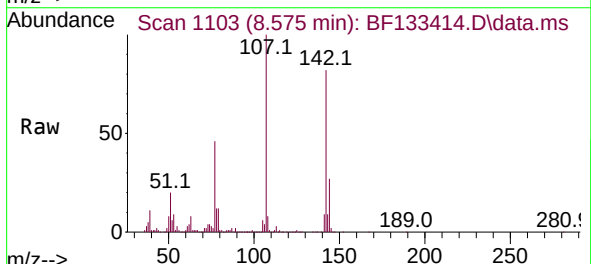
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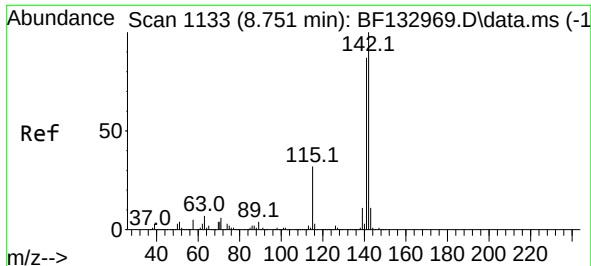
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#36
4-Chloro-3-methylphenol
Concen: 47.356 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:107 Resp: 749326
Ion Ratio Lower Upper
107 100
144 27.0 20.6 30.8
142 81.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.581 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:142 Resp: 151093

Ion Ratio Lower Upper

142 100

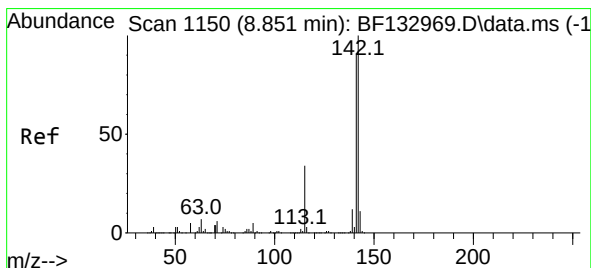
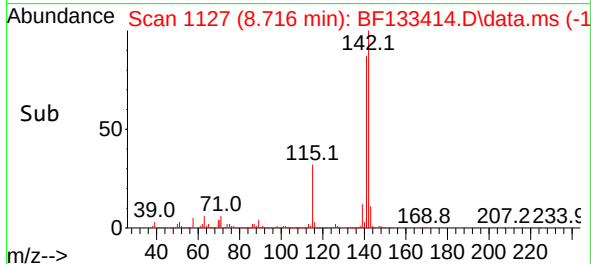
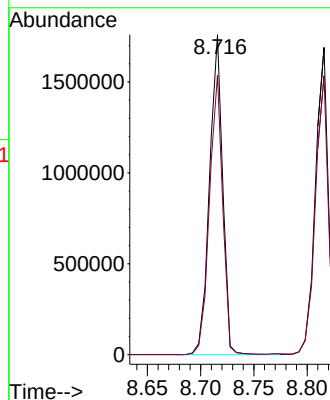
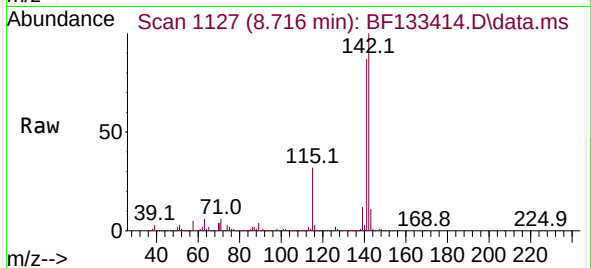
141 87.3 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#38

1-Methylnaphthalene

Concen: 42.642 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133414.D

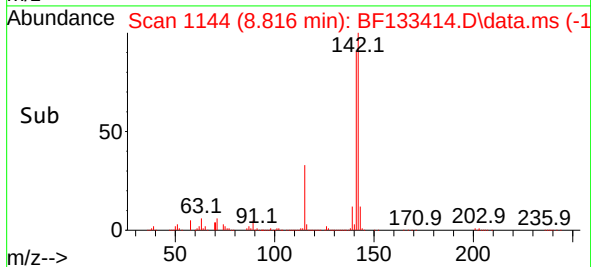
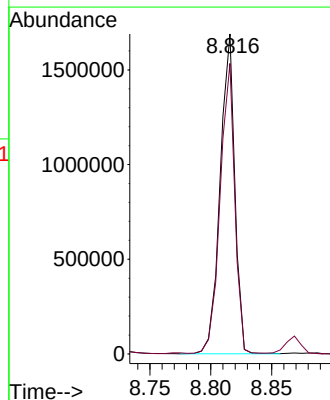
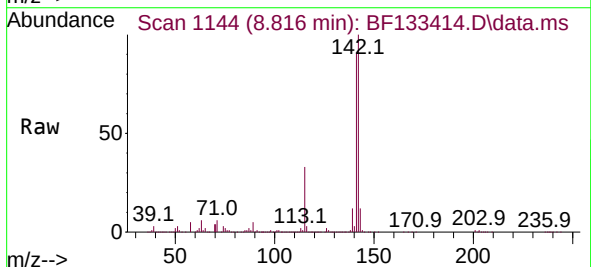
Acq: 17 May 2023 15:39

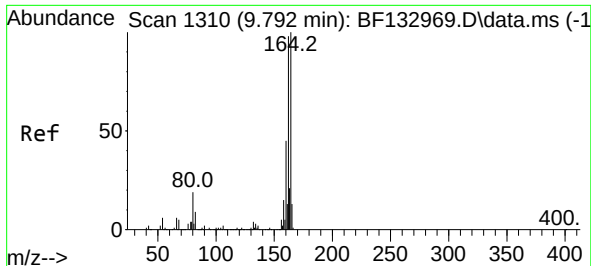
Tgt Ion:142 Resp: 1415488

Ion Ratio Lower Upper

142 100

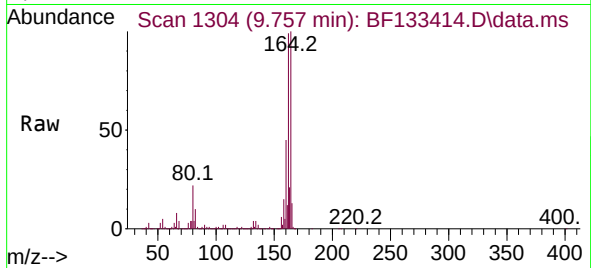
141 90.8 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11304
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

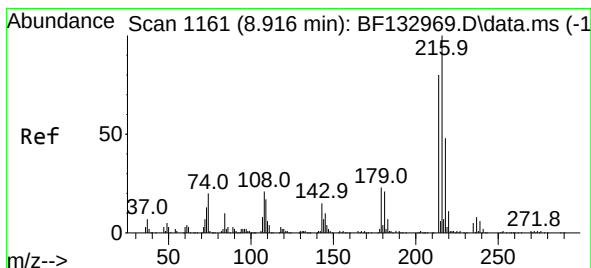
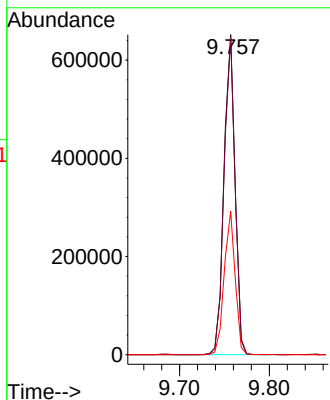
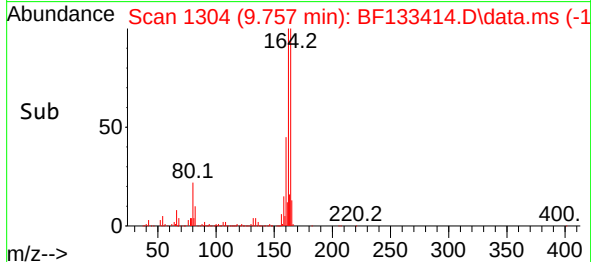
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



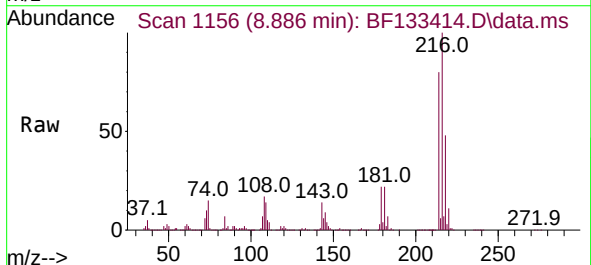
Tgt Ion:164 Resp: 557620
Ion Ratio Lower Upper
164 100
162 99.2 78.7 118.1
160 44.8 35.8 53.6

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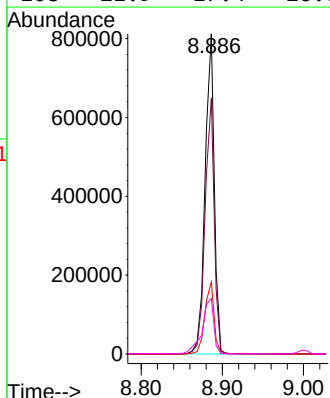
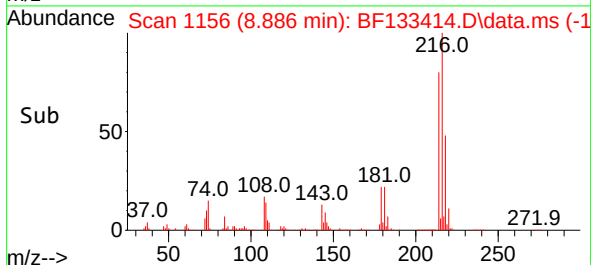
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

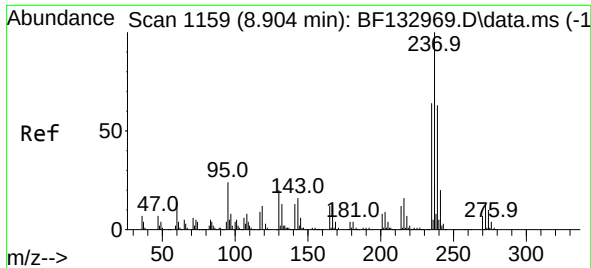


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.472 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



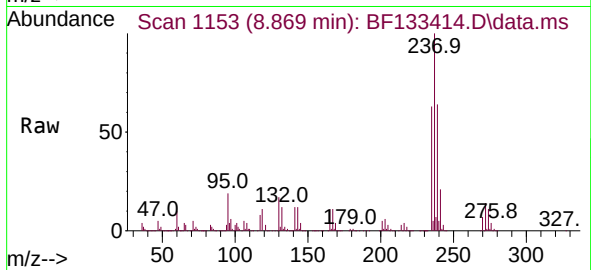
Tgt Ion:216 Resp: 636785
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 22.5 17.4 26.2
108 21.9 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 76.182 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

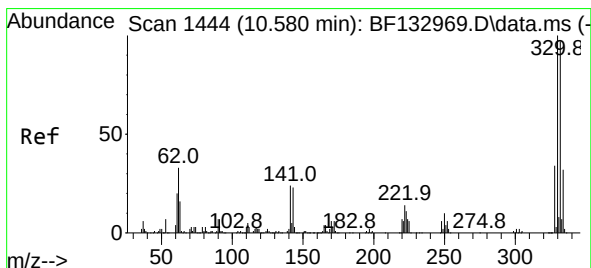
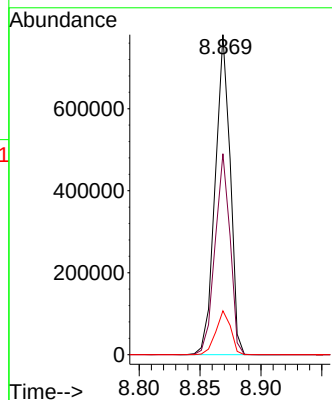
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



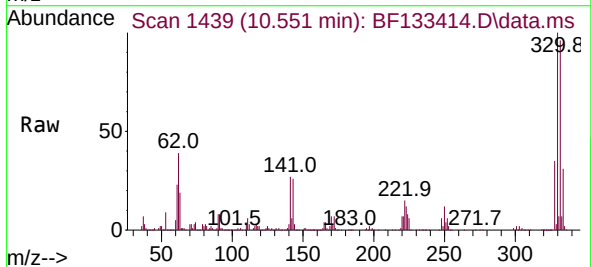
Tgt Ion:237 Resp: 666130
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 13.7 0.0 32.7

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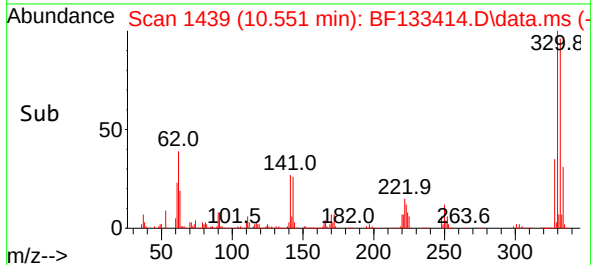
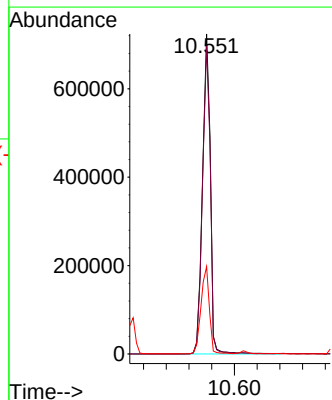
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

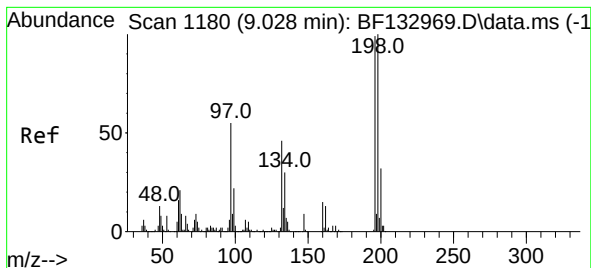


#42
2,4,6-Tribromophenol
Concen: 124.045 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



Tgt Ion:330 Resp: 695644
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 28.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 45.361 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:196 Resp: 47033

Ion Ratio Lower Upper

196 100

198 99.4 81.0 121.6

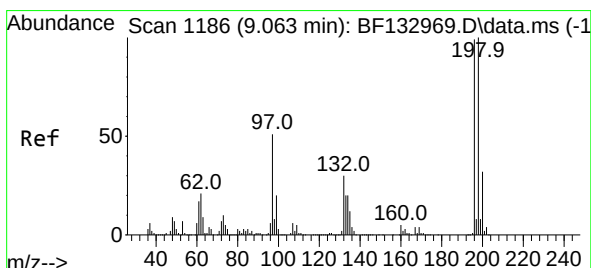
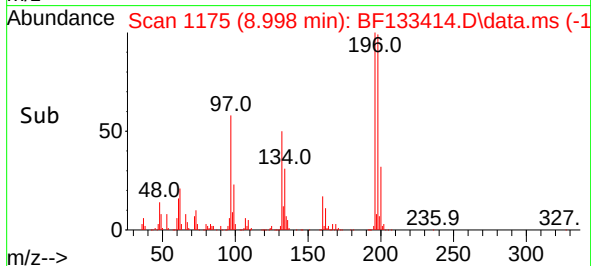
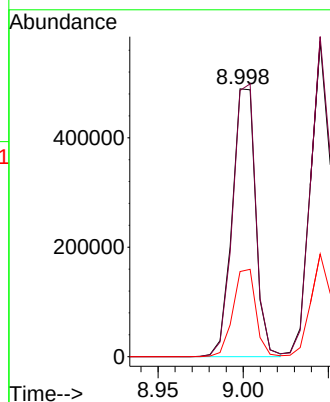
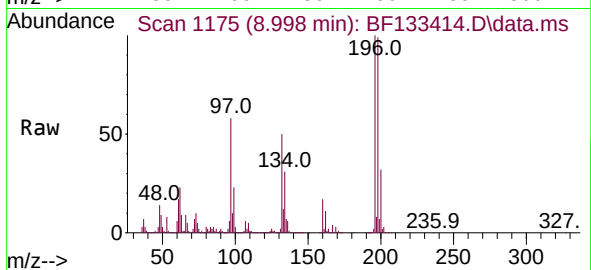
200 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#44

2,4,5-Trichlorophenol

Concen: 41.956 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Tgt Ion:196 Resp: 503121

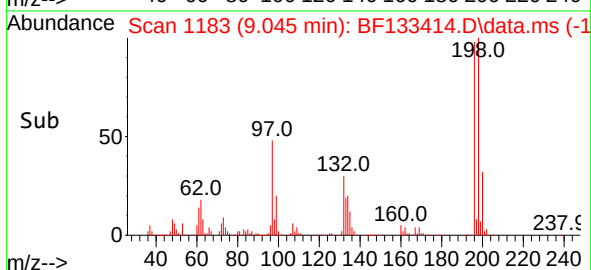
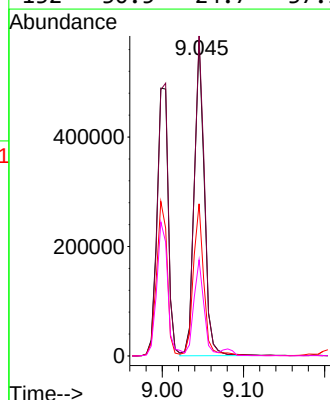
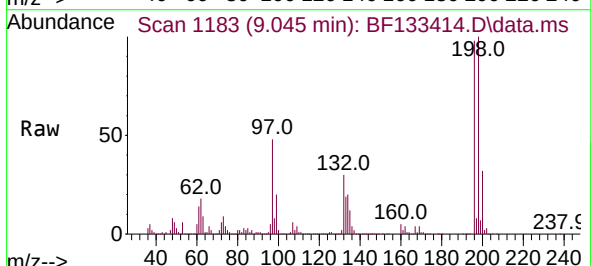
Ion Ratio Lower Upper

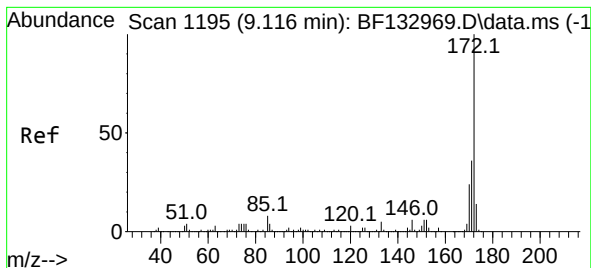
196 100

198 101.5 80.9 121.3

97 48.3 41.3 61.9

132 30.5 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 80.723 ng

RT: 9.080 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:172 Resp: 2690580

Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

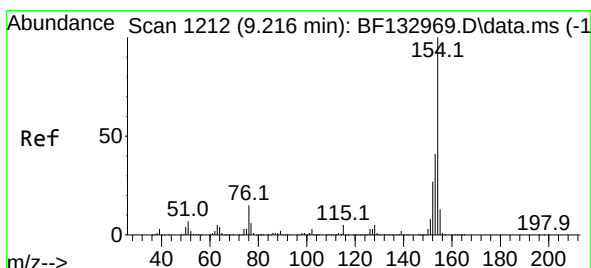
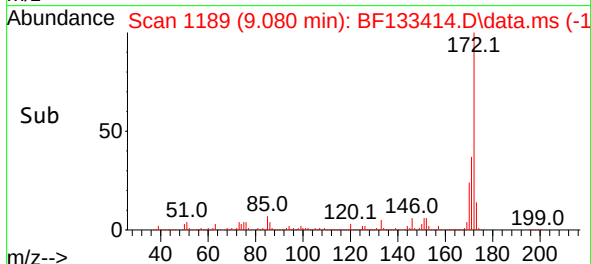
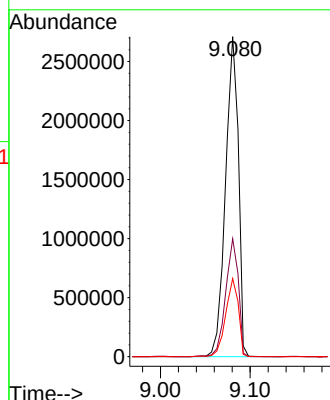
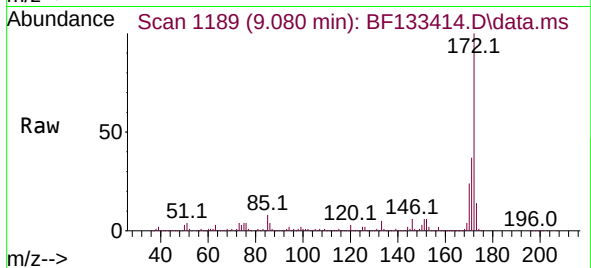
170 24.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#46

1,1'-Biphenyl

Concen: 42.545 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

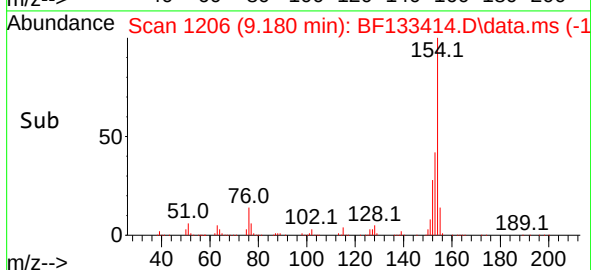
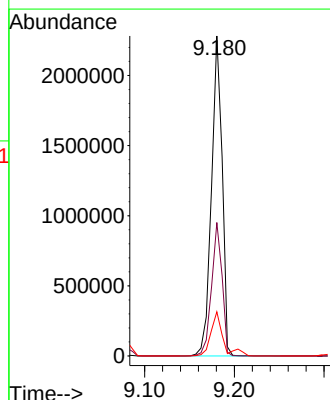
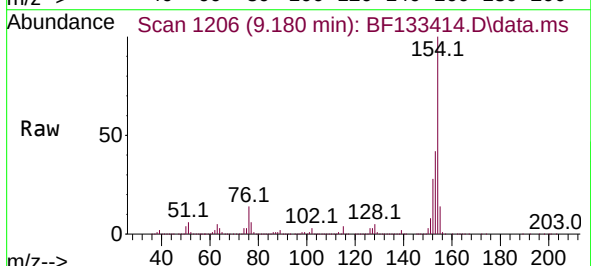
Tgt Ion:154 Resp: 1881237

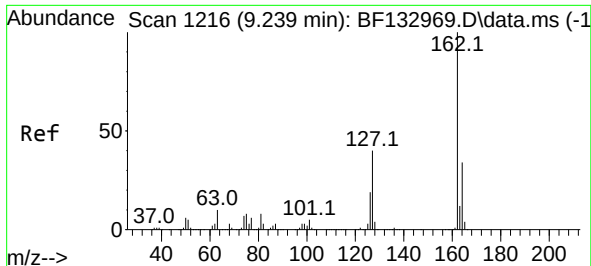
Ion Ratio Lower Upper

154 100

153 41.7 21.0 61.0

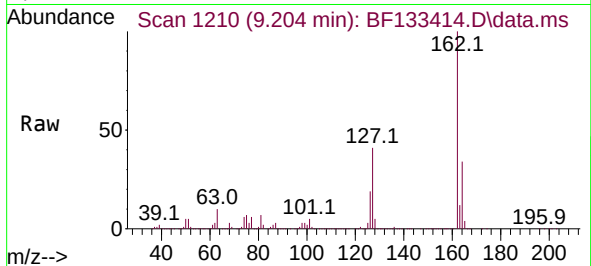
76 13.8 0.0 34.5





#47
2-Chloronaphthalene
Concen: 44.227 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

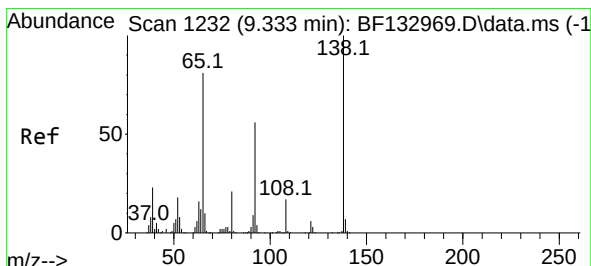
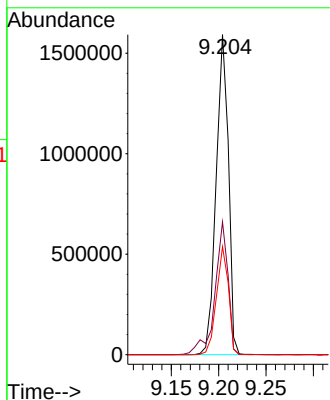
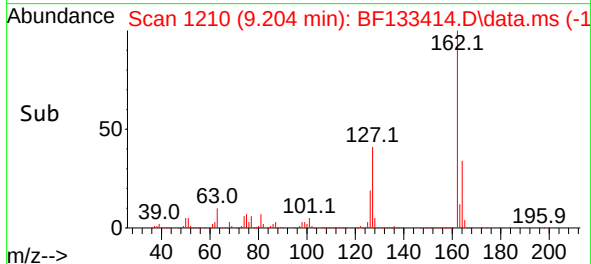
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:162 Resp: 1431370
Ion Ratio Lower Upper
162 100
127 41.5 32.3 48.5
164 33.8 26.8 40.2

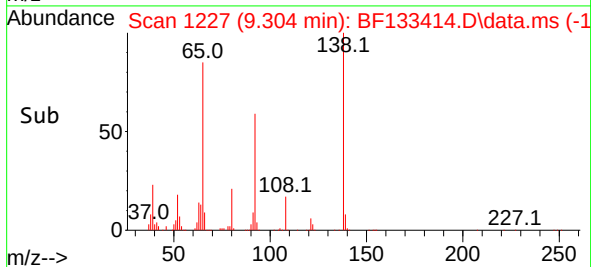
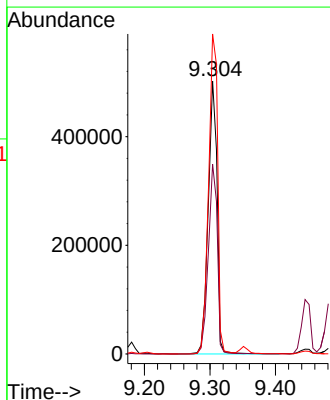
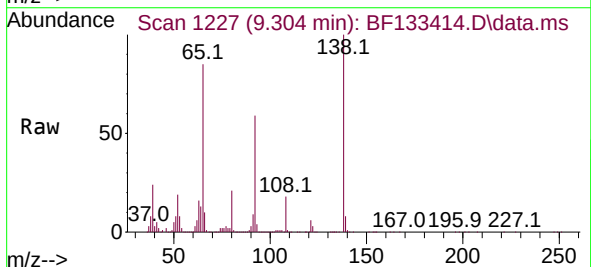
Manual Integrations
APPROVED

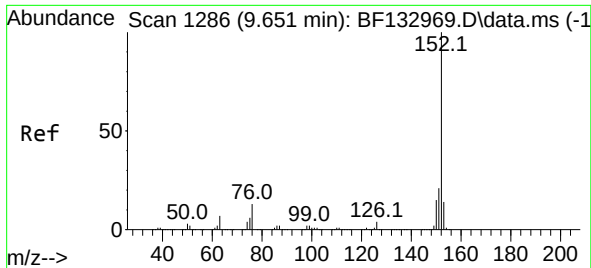
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#48
2-Nitroaniline
Concen: 44.244 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

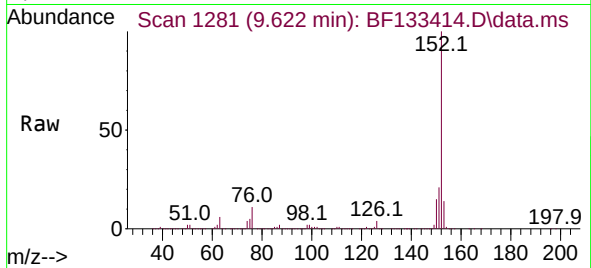
Tgt Ion: 65 Resp: 473244
Ion Ratio Lower Upper
65 100
92 69.6 55.4 83.0
138 117.3 98.2 147.2





#49
Acenaphthylene
Concen: 42.157 ng
RT: 9.622 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

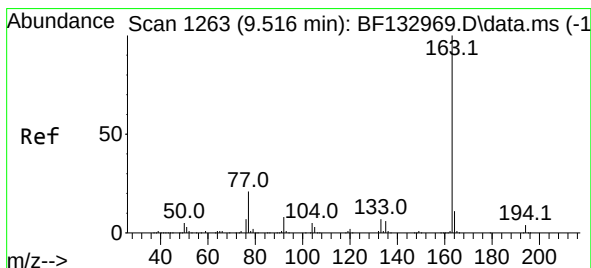
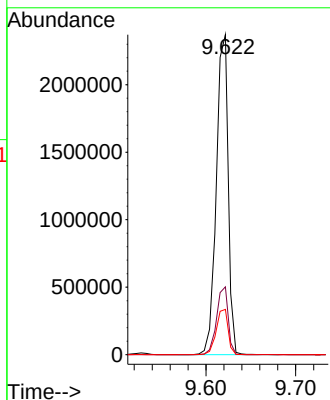
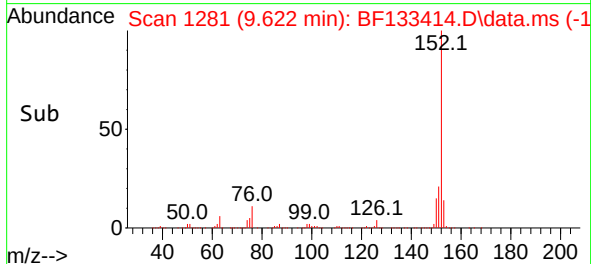
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



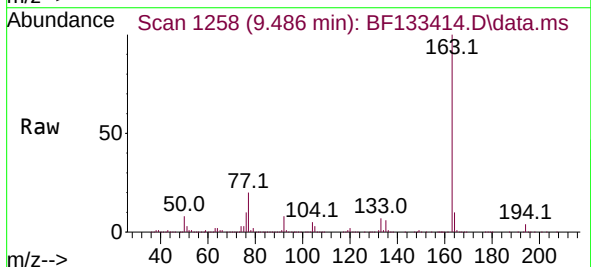
Tgt Ion:152 Resp: 218007
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 14.2 11.5 17.3

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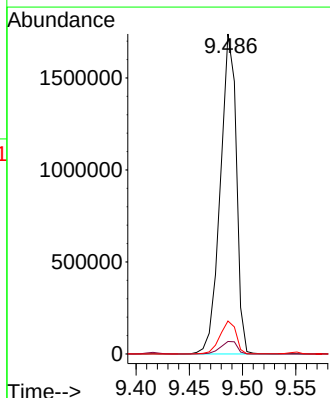
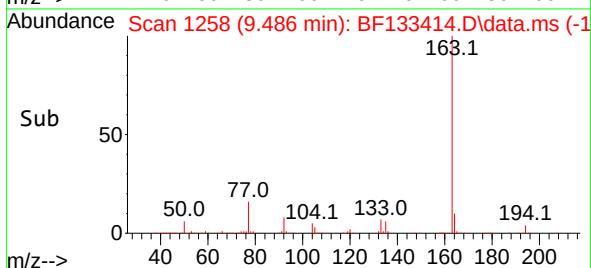
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

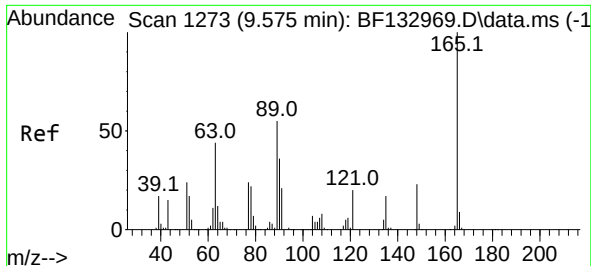


#50
Dimethylphthalate
Concen: 46.740 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



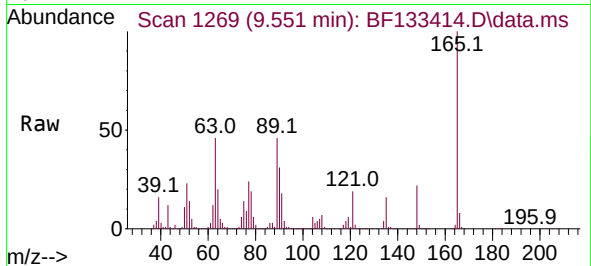
Tgt Ion:163 Resp: 1817339
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.666 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

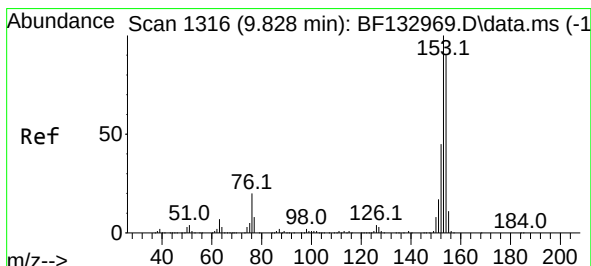
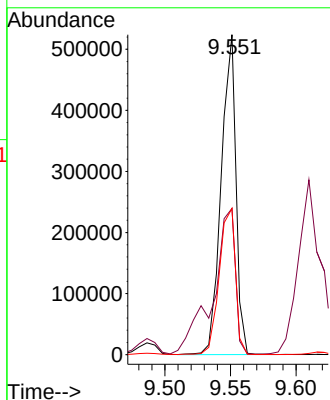
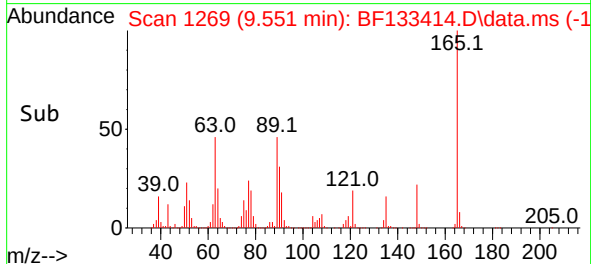
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:165 Resp: 408395
Ion Ratio Lower Upper
165 100
63 45.7 45.9 68.9
89 45.7 44.0 66.0

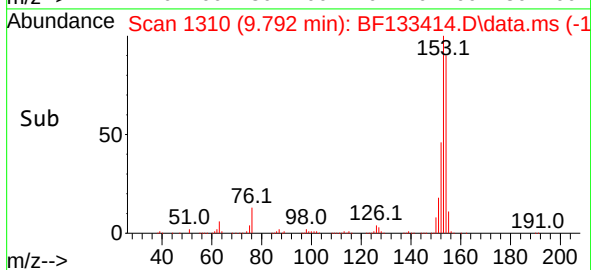
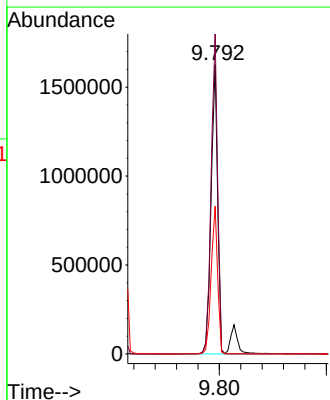
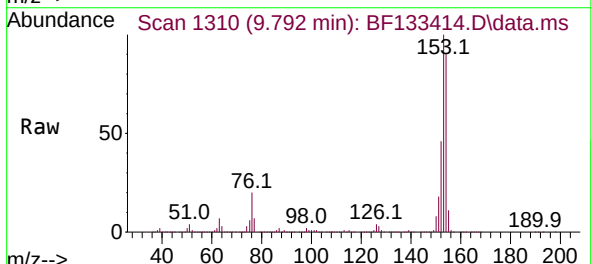
Manual Integrations
APPROVED

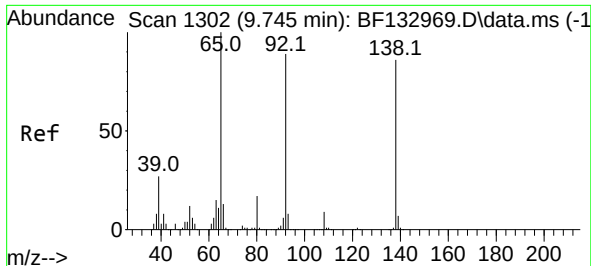
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#52
Acenaphthene
Concen: 44.124 ng m
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:154 Resp: 1528225
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.6
152 51.1 40.4 60.6





#53
3-Nitroaniline
Concen: 31.255 ng
RT: 9.716 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

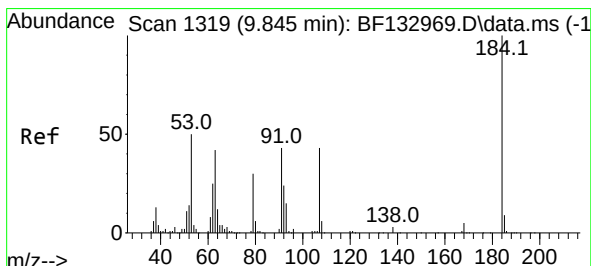
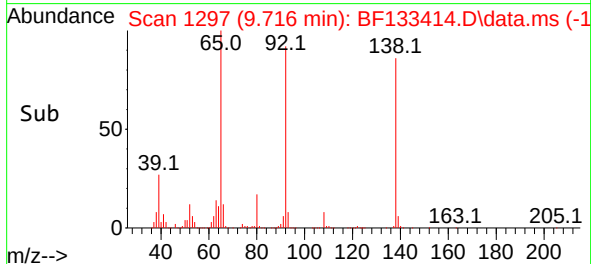
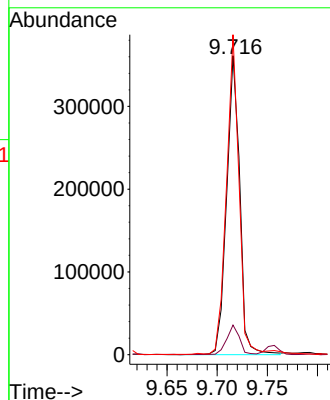
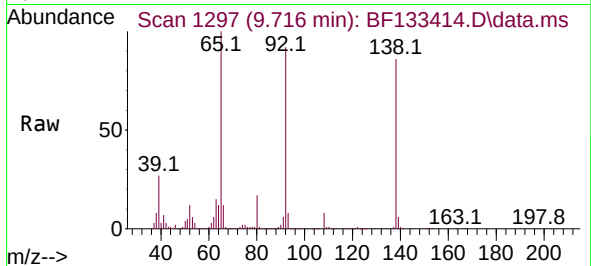
WC-N-1MS

Tgt Ion:138 Resp: 32522
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 107.0 83.6 125.4

Manual Integrations

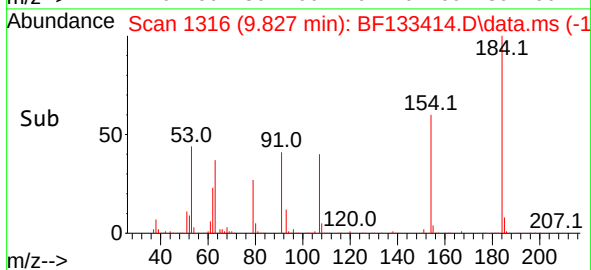
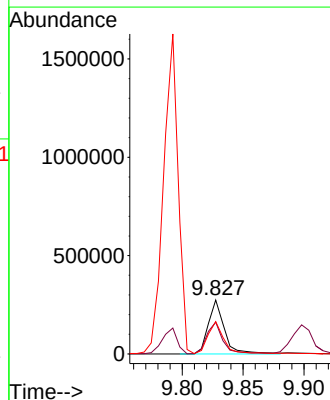
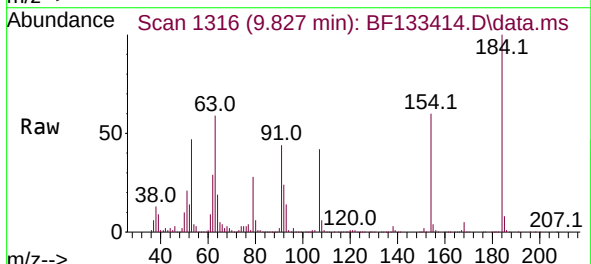
APPROVED

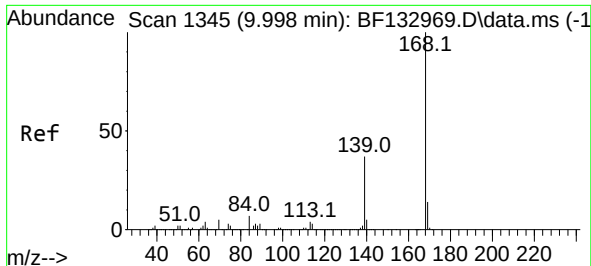
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#54
2,4-Dinitrophenol
Concen: 57.255 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

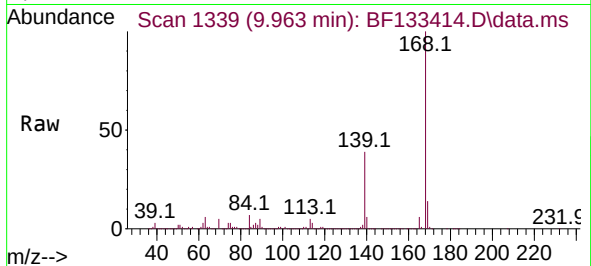
Tgt Ion:184 Resp: 251859
Ion Ratio Lower Upper
184 100
63 58.9 49.8 74.8
154 59.8 49.5 74.3





#55
Dibenzenofuran
Concen: 41.350 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

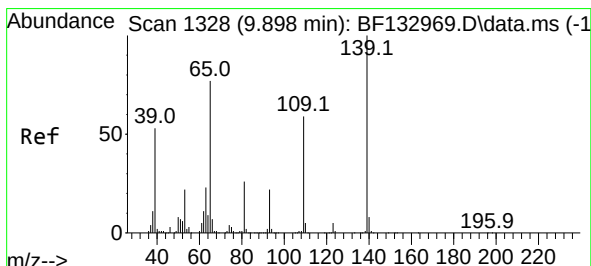
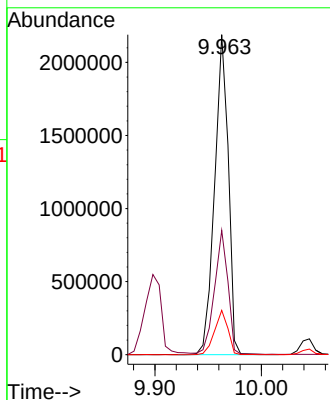
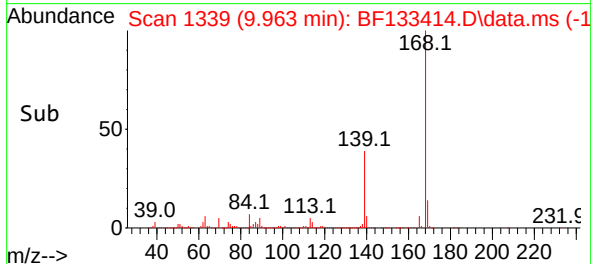
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:168 Resp: 1953590
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 13.9 10.8 16.2

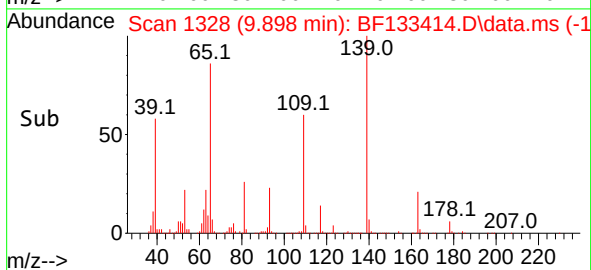
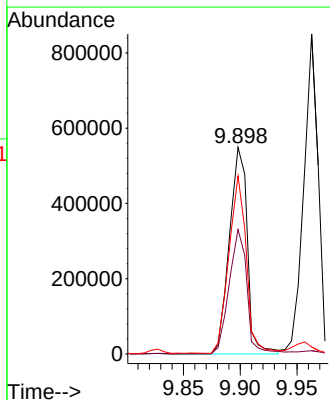
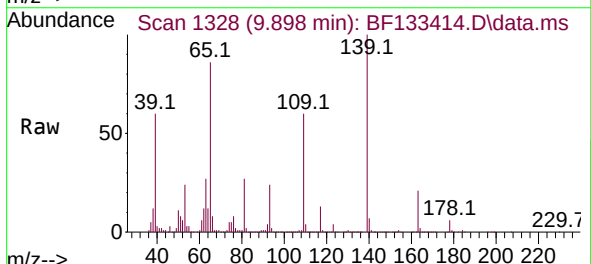
Manual Integrations
APPROVED

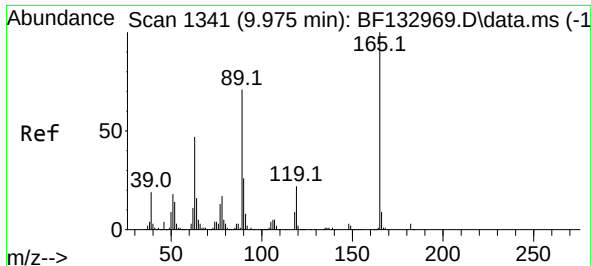
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#56
4-Nitrophenol
Concen: 74.629 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:139 Resp: 601458
Ion Ratio Lower Upper
139 100
109 60.2 39.4 79.4
65 86.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 44.959 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:165 Resp: 501759

Ion Ratio Lower Upper

165 100

63 45.6 37.7 56.5

89 65.1 57.0 85.4

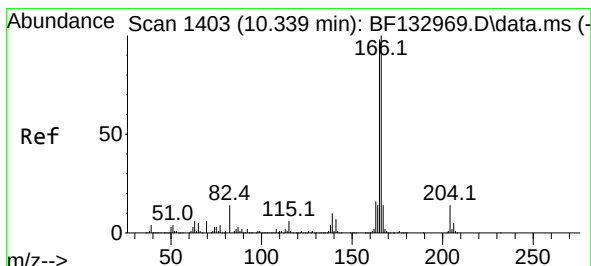
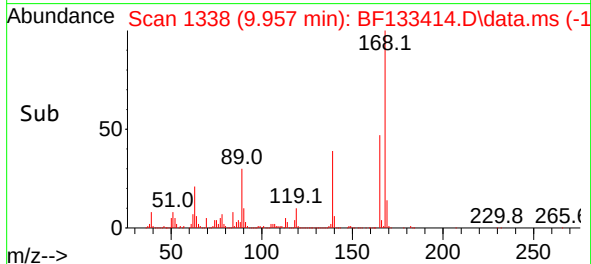
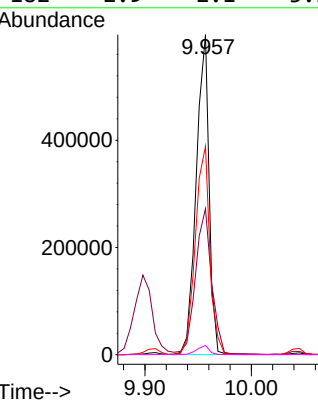
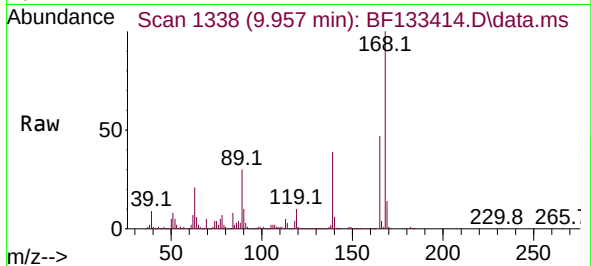
182 2.9 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#58

Fluorene

Concen: 43.035 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

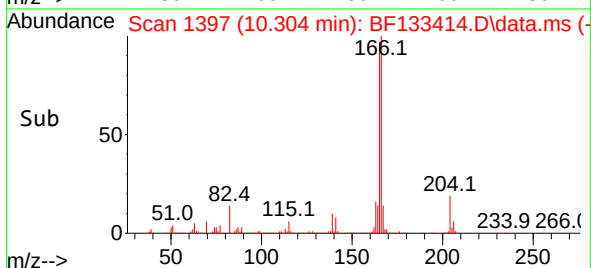
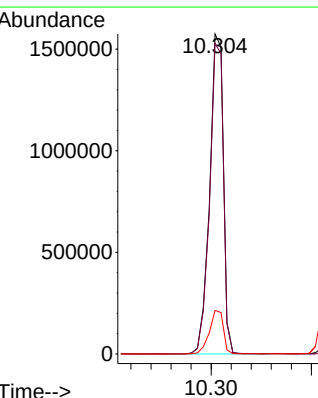
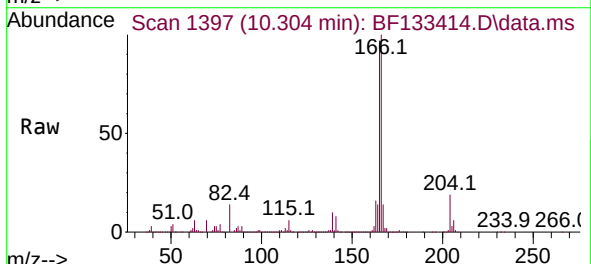
Tgt Ion:166 Resp: 1489602

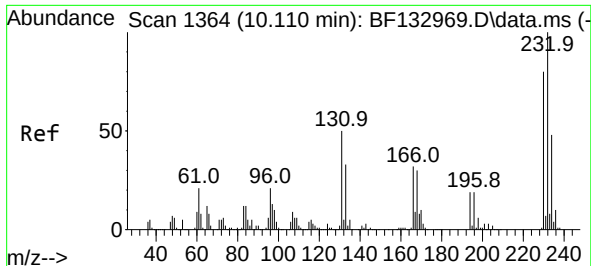
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

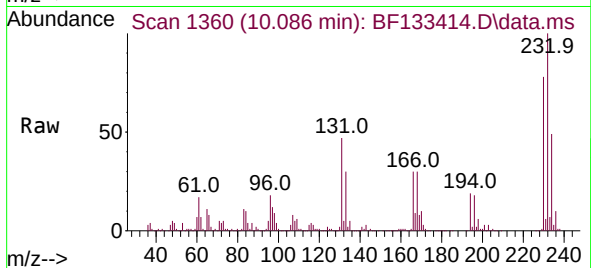
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.094 ng
RT: 10.086 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

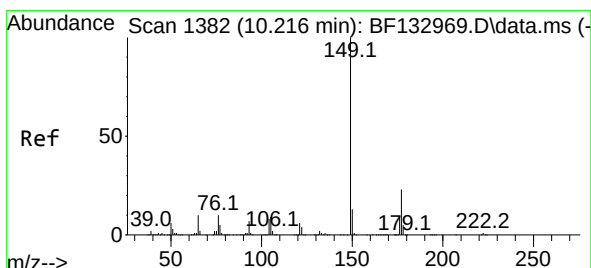
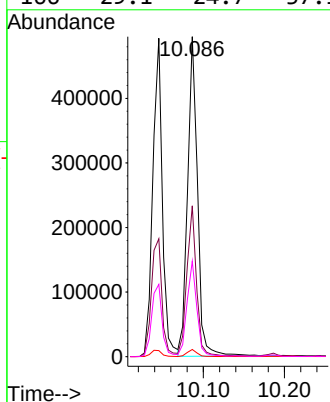
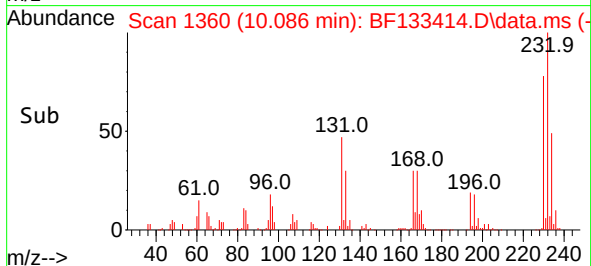
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



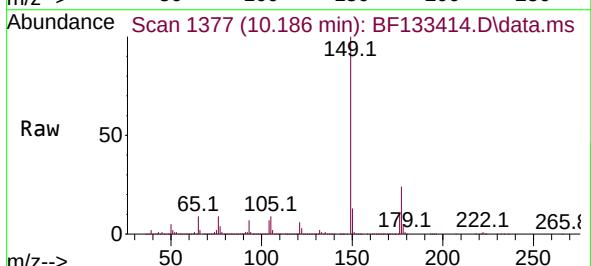
Tgt Ion:232 Resp: 419220
Ion Ratio Lower Upper
232 100
131 45.1 38.0 57.0
130 2.1 1.8 2.8
166 29.1 24.7 37.1

Manual Integrations
APPROVED

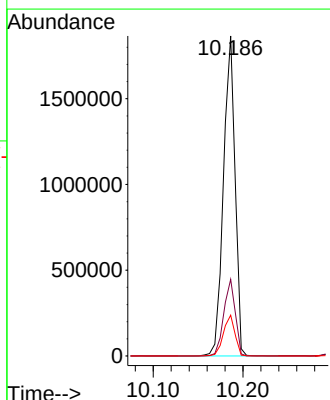
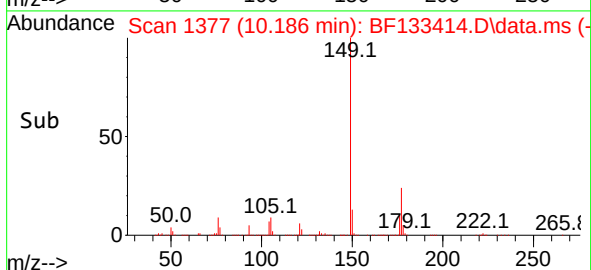
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

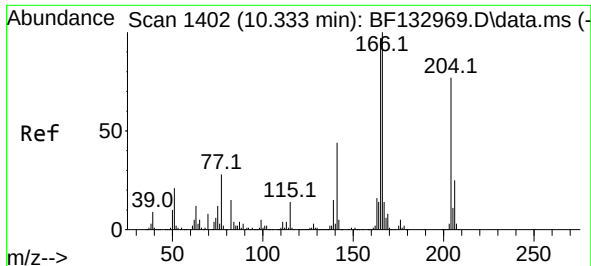


#60
Diethylphthalate
Concen: 45.659 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



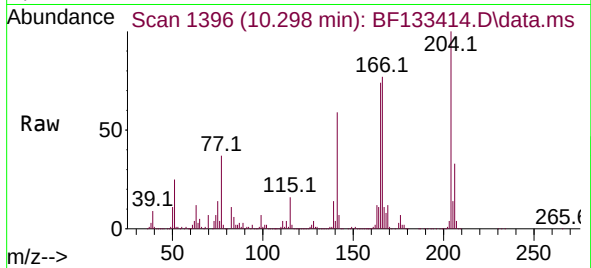
Tgt Ion:149 Resp: 1676904
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.039 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

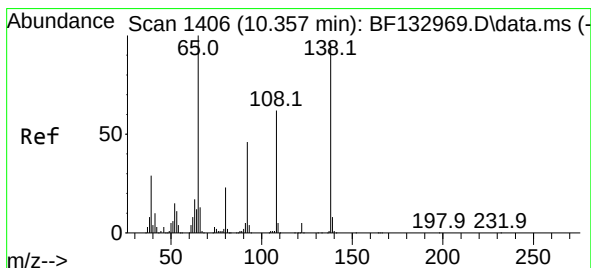
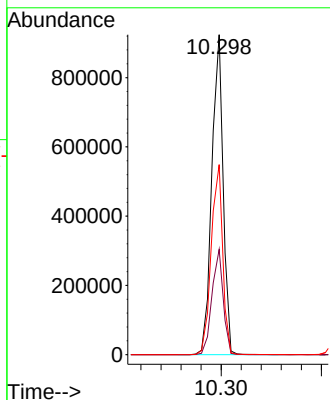
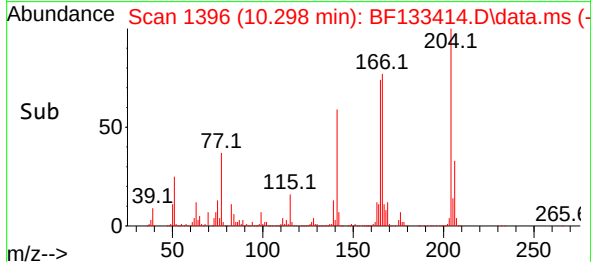
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



Tgt Ion:204 Resp: 72597
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 59.4 46.1 69.1

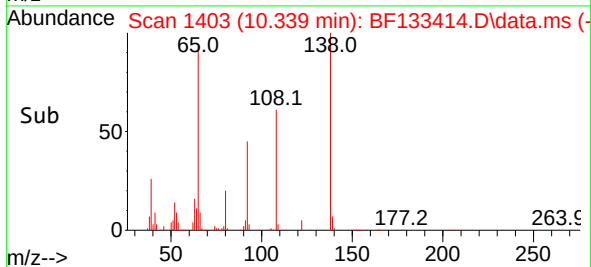
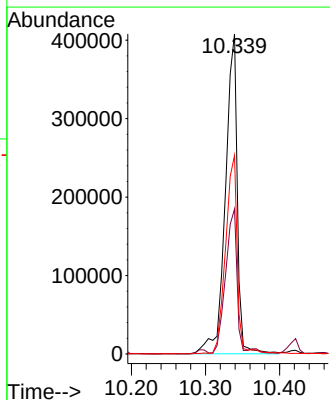
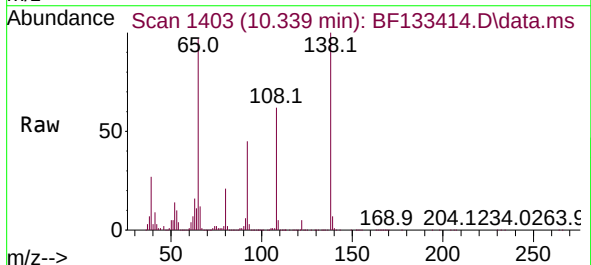
Manual Integrations
APPROVED

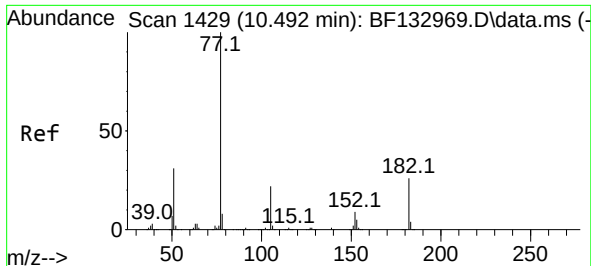
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#62
4-Nitroaniline
Concen: 47.744 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

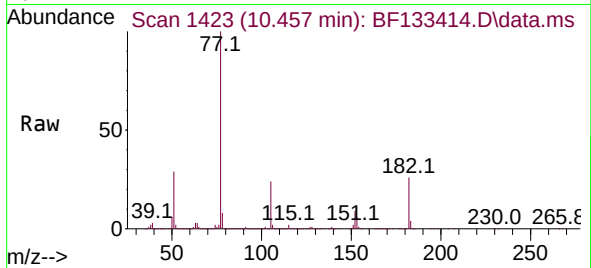
Tgt Ion:138 Resp: 456606
Ion Ratio Lower Upper
138 100
92 45.3 27.7 67.7
108 62.0 45.2 85.2





#63
Azobenzene
Concen: 43.938 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

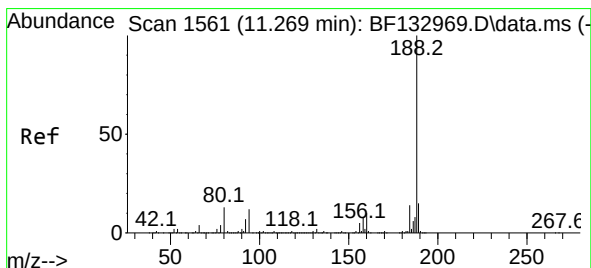
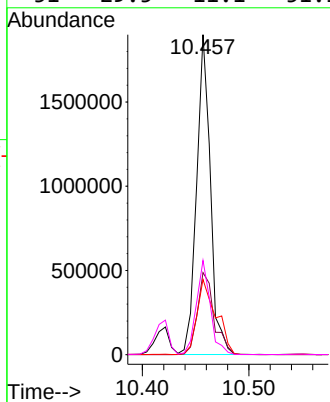
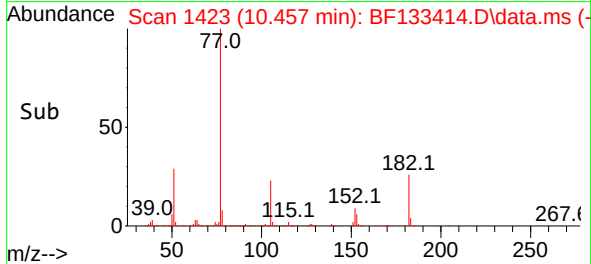
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



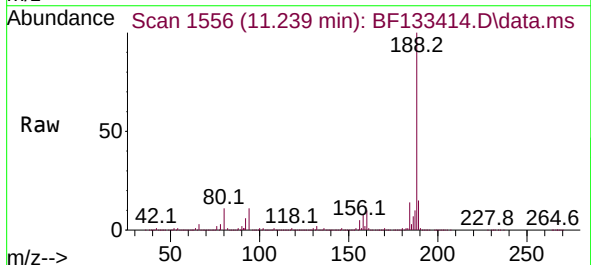
Tgt Ion: 77 Resp: 1709434
Ion Ratio Lower Upper
77 100
182 25.7 5.9 45.9
105 23.5 2.3 42.3
51 29.5 11.1 51.1

Manual Integrations
APPROVED

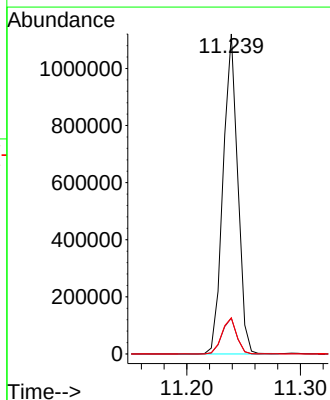
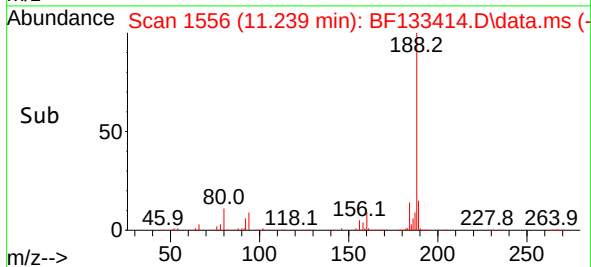
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

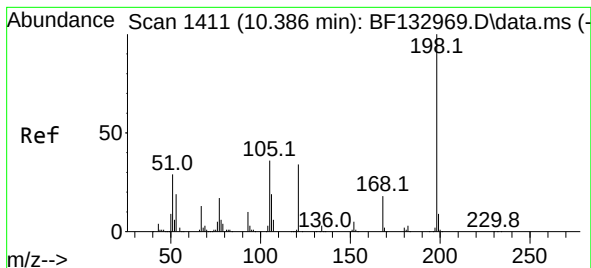


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



Tgt Ion:188 Resp: 1004540
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.3 10.4 15.6





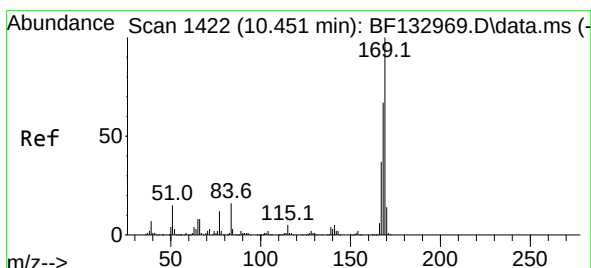
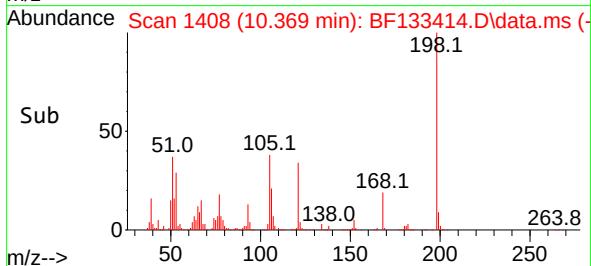
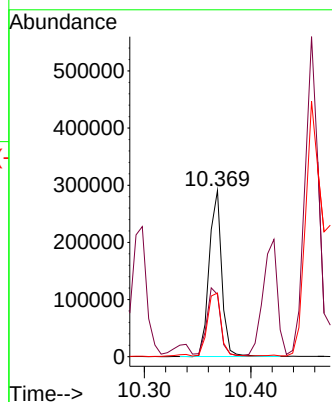
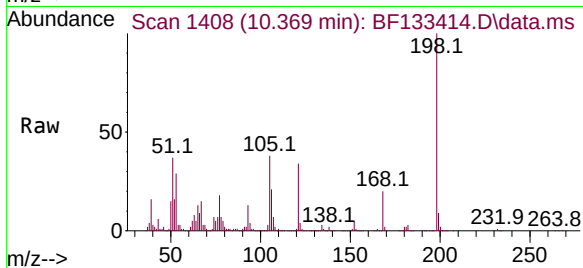
#65
4,6-Dinitro-2-methylphenol
Concen: 39.171 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

Tgt Ion:198 Resp: 238500
Ion Ratio Lower Upper
198 100
51 37.5 15.5 55.5
105 38.3 16.7 56.7

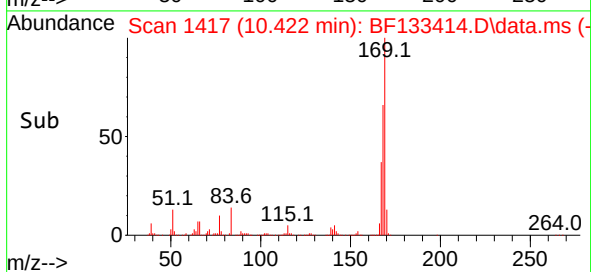
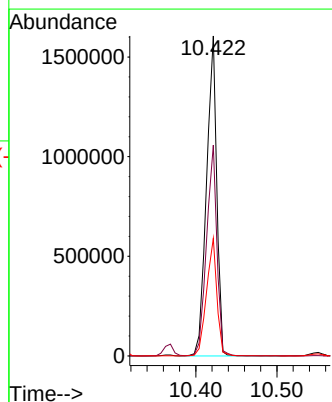
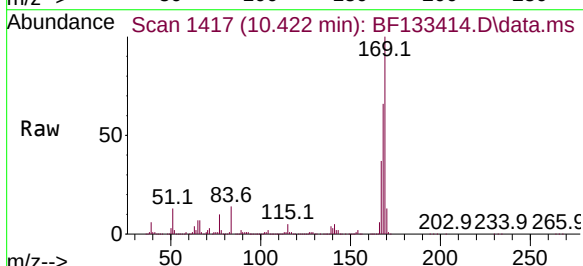
Manual Integrations
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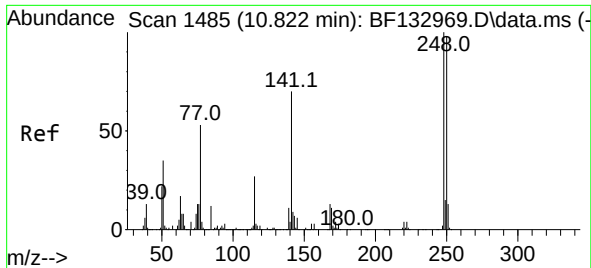
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#66
n-Nitrosodiphenylamine
Concen: 43.018 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

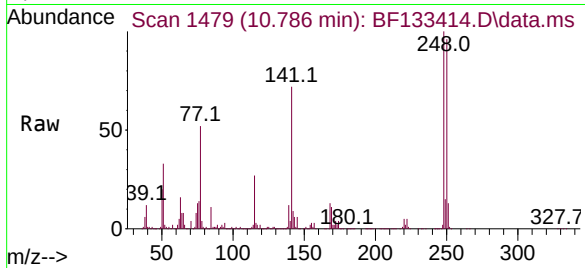
Tgt Ion:169 Resp: 1401720
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.8
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 43.796 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

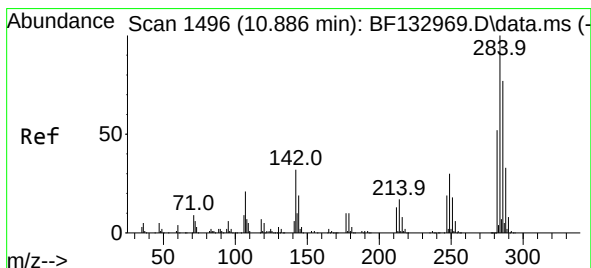
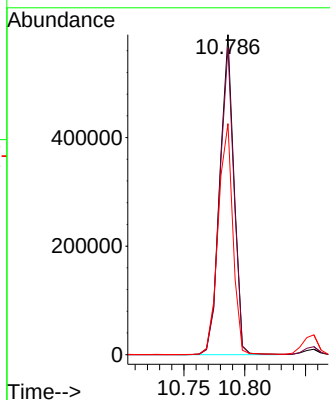
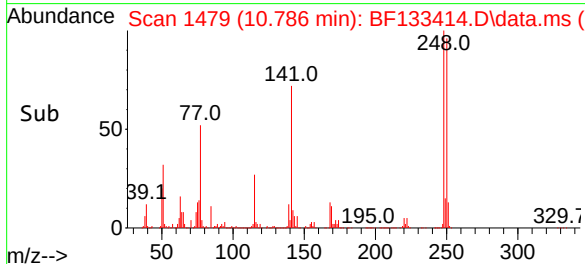
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



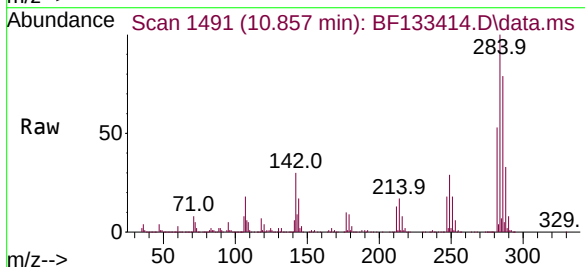
Tgt Ion:248 Resp: 477145
Ion Ratio Lower Upper
248 100
250 96.0 78.7 118.1
141 72.2 56.3 84.5

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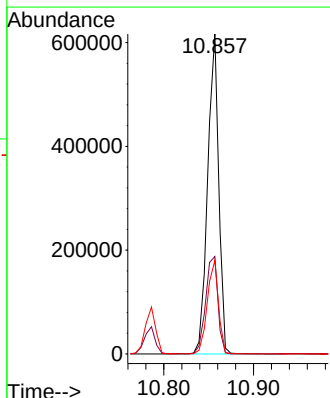
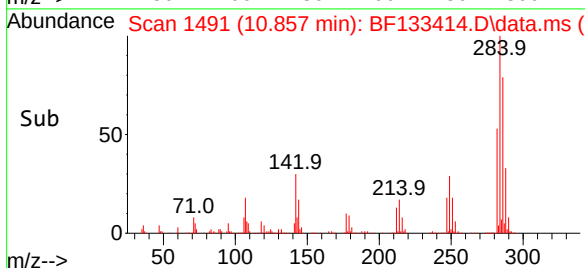
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

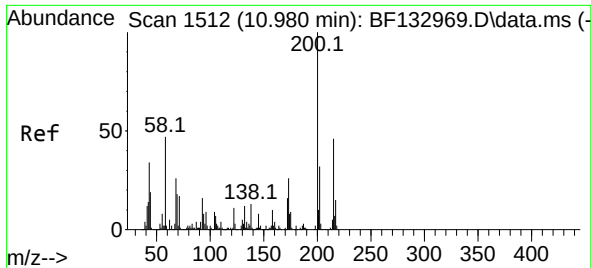


#68
Hexachlorobenzene
Concen: 47.227 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



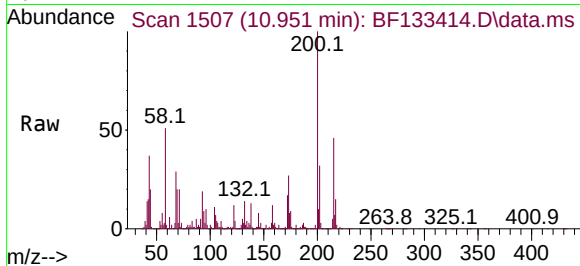
Tgt Ion:284 Resp: 527227
Ion Ratio Lower Upper
284 100
142 30.5 26.0 39.0
249 29.2 23.7 35.5





#69
 Atrazine
 Concen: 53.361 ng
 RT: 10.951 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: BF133414.D
 Acq: 17 May 2023 15:39

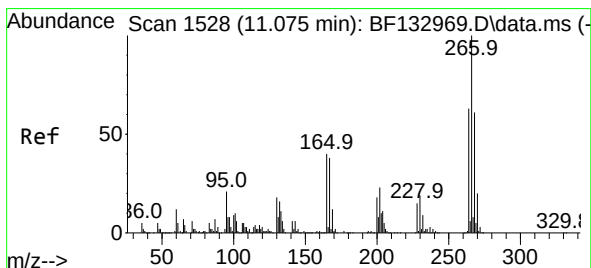
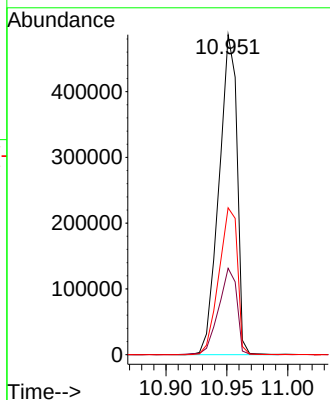
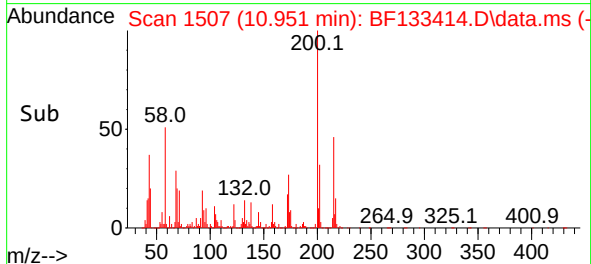
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS



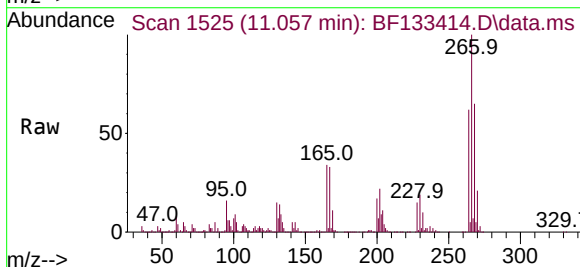
Tgt Ion:200 Resp: 501012
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.2 46.2
 215 45.9 26.3 66.3

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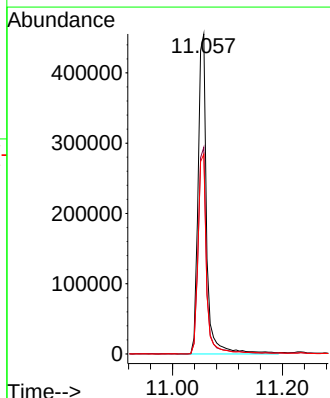
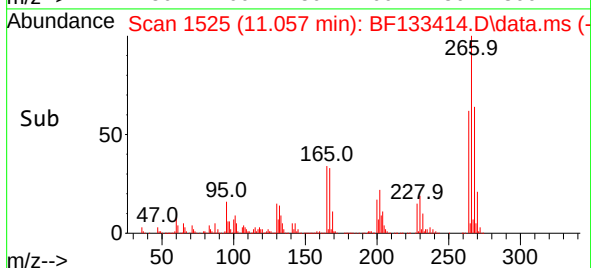
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023

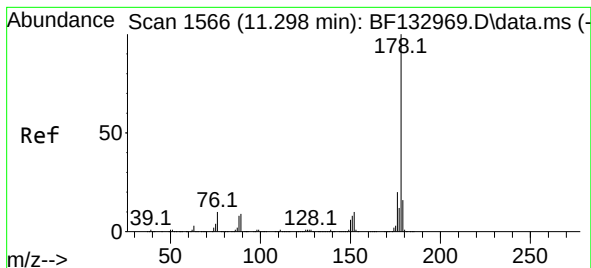


#70
 Pentachlorophenol
 Concen: 62.221 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: BF133414.D
 Acq: 17 May 2023 15:39



Tgt Ion:266 Resp: 494704
 Ion Ratio Lower Upper
 266 100
 268 64.5 48.8 73.2
 264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 42.381 ng

RT: 11.269 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:178 Resp: 2288210

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

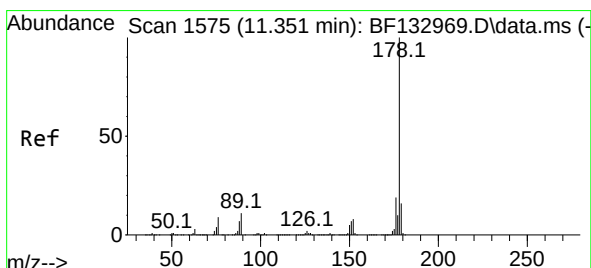
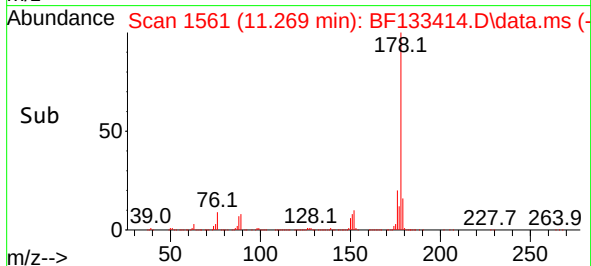
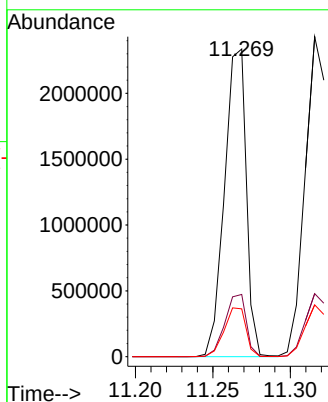
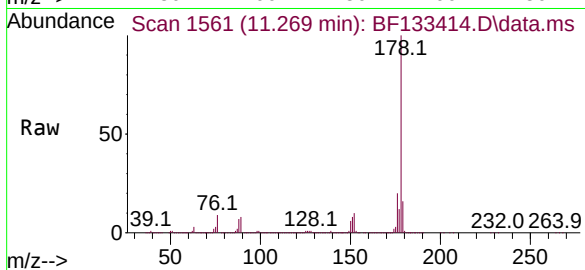
179 15.5 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#72

Anthracene

Concen: 42.797 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

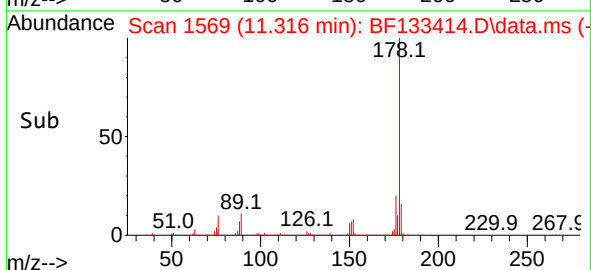
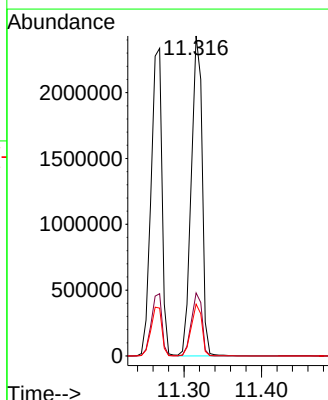
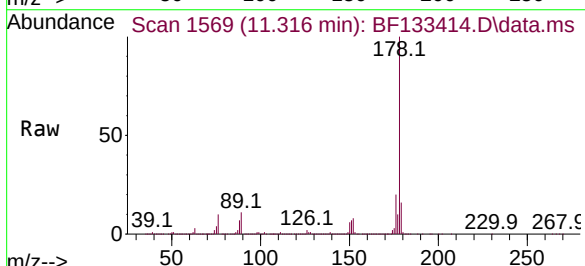
Tgt Ion:178 Resp: 2364711

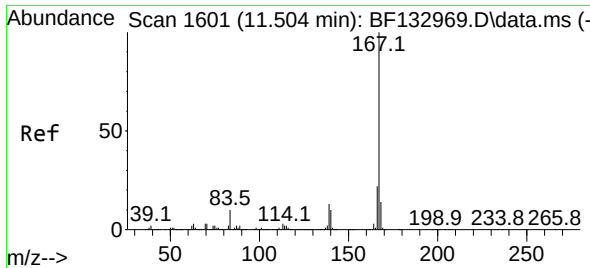
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

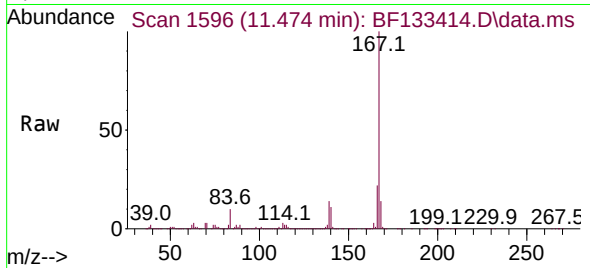
179 16.2 12.4 18.6





#73
Carbazole
Concen: 43.057 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

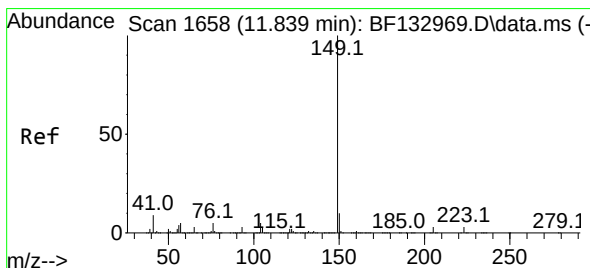
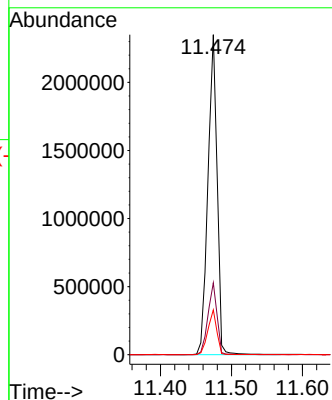
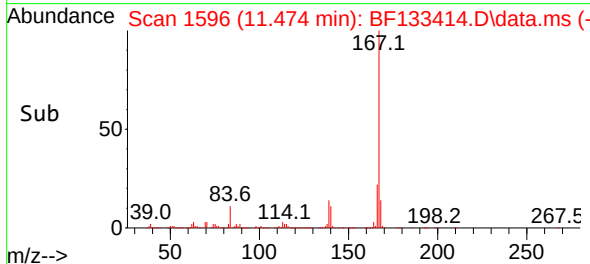
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



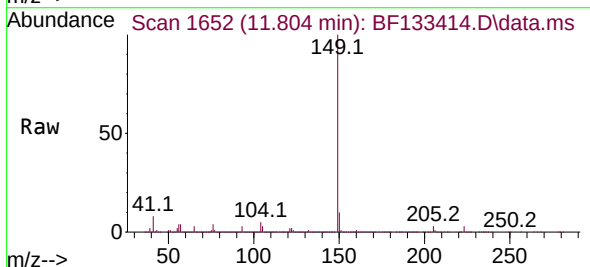
Tgt Ion:167 Resp: 2118372
Ion Ratio Lower Upper
167 100
166 22.5 17.4 26.0
139 14.0 10.6 16.0

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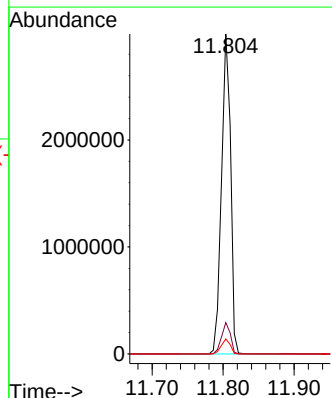
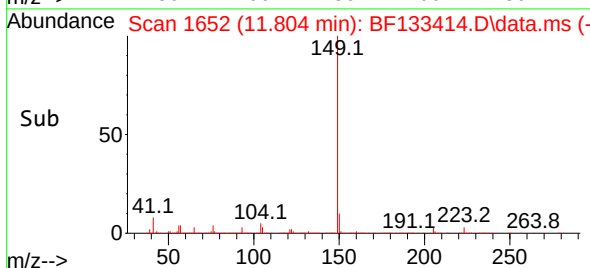
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

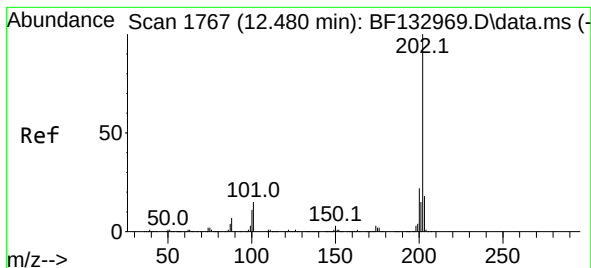


#74
Di-n-butylphthalate
Concen: 47.349 ng
RT: 11.804 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



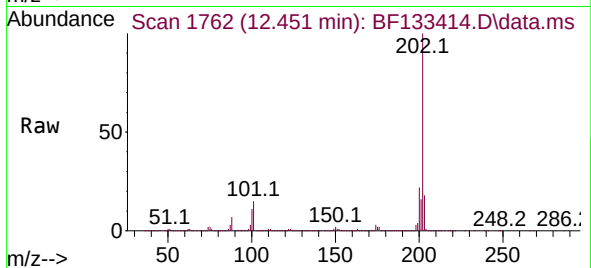
Tgt Ion:149 Resp: 2636241
Ion Ratio Lower Upper
149 100
150 9.8 7.6 11.4
104 4.7 4.0 6.0





#75
Fluoranthene
Concen: 41.562 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

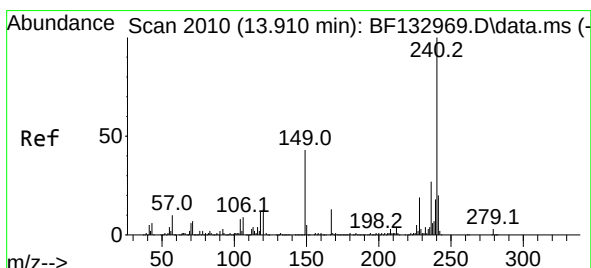
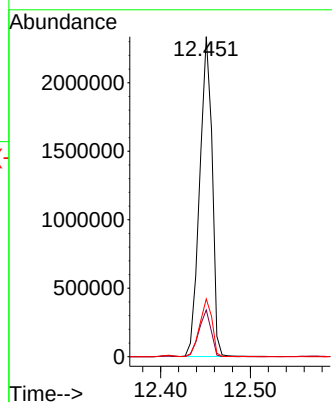
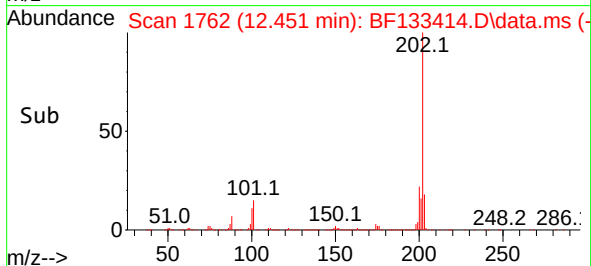
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS



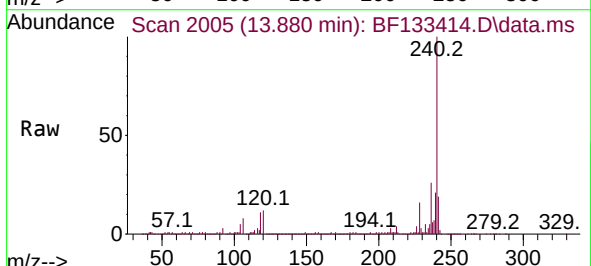
Tgt Ion:202 Resp: 225205
Ion Ratio Lower Upper
202 100
101 14.6 0.0 35.3
203 18.1 0.0 38.1

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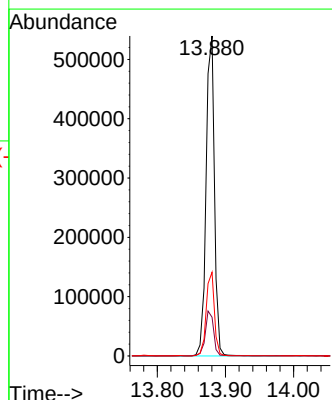
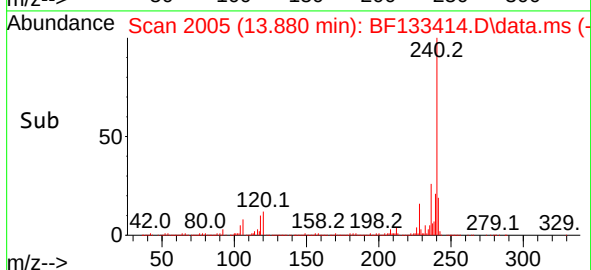
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

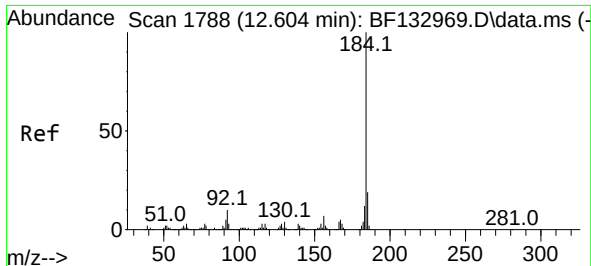


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39



Tgt Ion:240 Resp: 460502
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 26.1 21.5 32.3





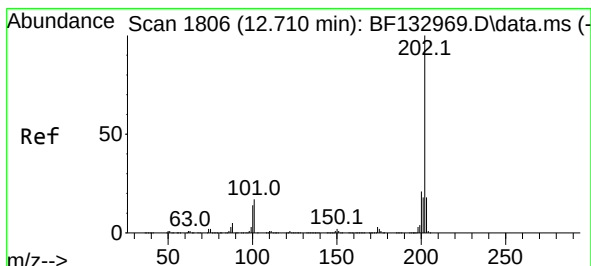
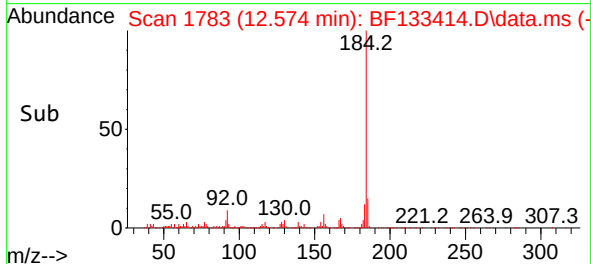
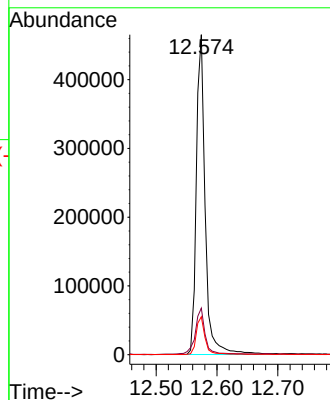
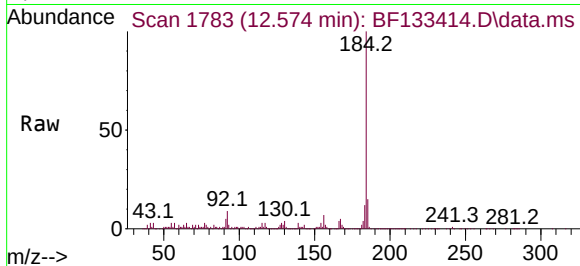
#77
Benzidine
Concen: 60.426 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

Tgt Ion:184 Resp: 470560
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2
183 11.9 9.4 14.0

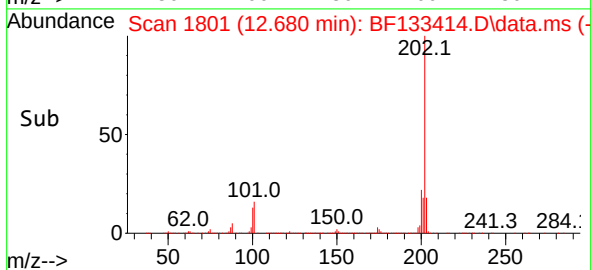
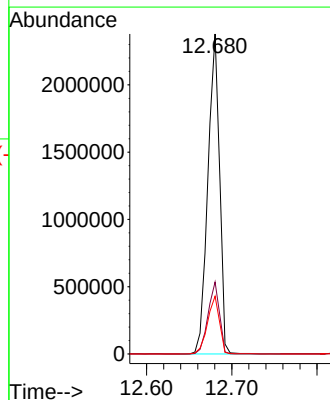
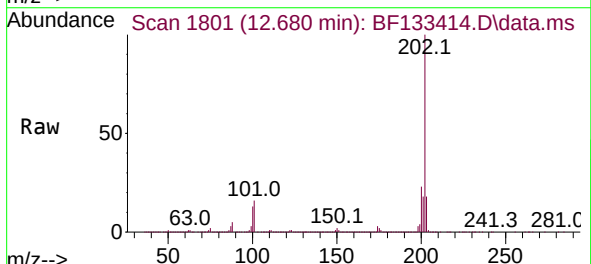
Manual Integrations
APPROVED

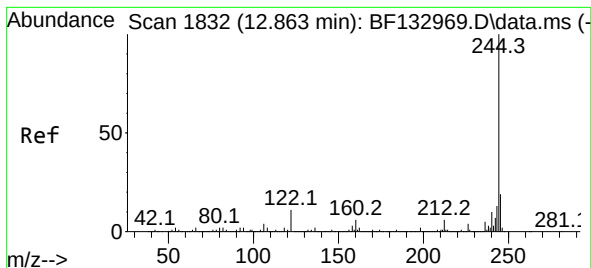
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#78
Pyrene
Concen: 57.195 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

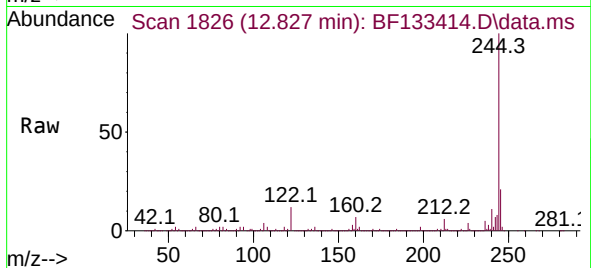
Tgt Ion:202 Resp: 2257799
Ion Ratio Lower Upper
202 100
200 22.5 17.1 25.7
203 18.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 114.366 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133414.D
 Acq: 17 May 2023 15:39

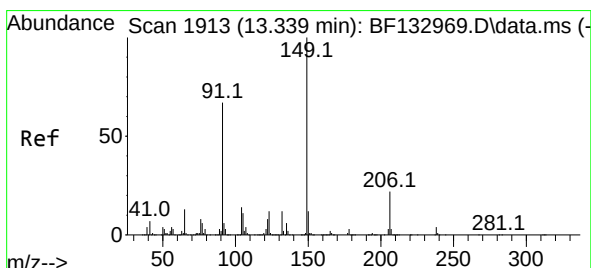
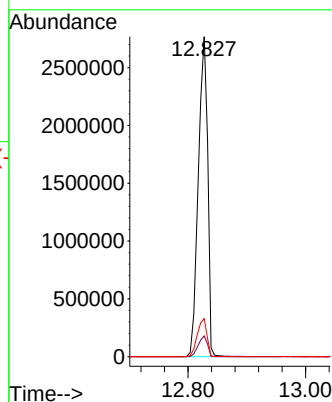
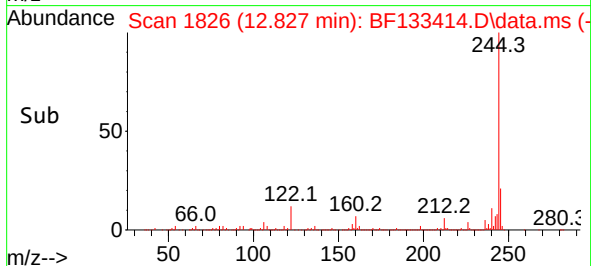
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS



Tgt Ion:244 Resp: 305368
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.9 8.6 13.0

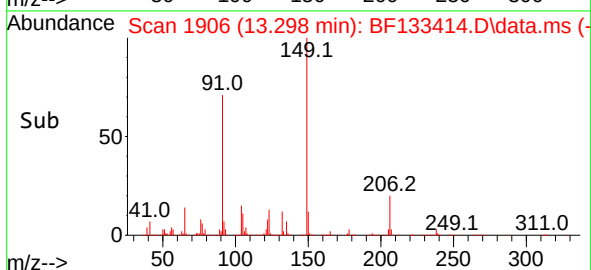
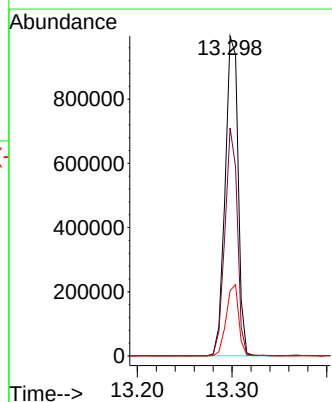
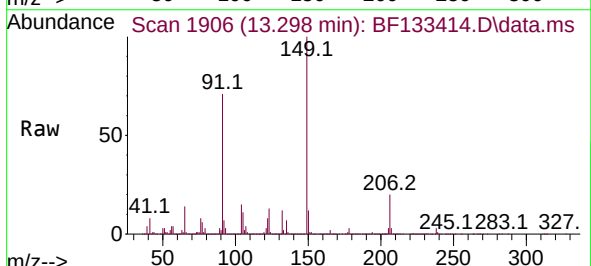
Manual Integrations
 APPROVED

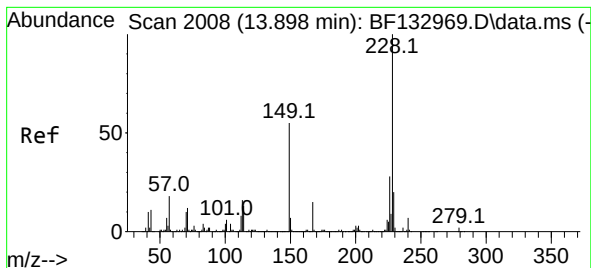
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#80
 Butylbenzylphthalate
 Concen: 68.059 ng
 RT: 13.298 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: BF133414.D
 Acq: 17 May 2023 15:39

Tgt Ion:149 Resp: 951279
 Ion Ratio Lower Upper
 149 100
 91 71.3 53.8 80.6
 206 20.4 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.245 ng

RT: 13.868 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:228 Resp: 1369440

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

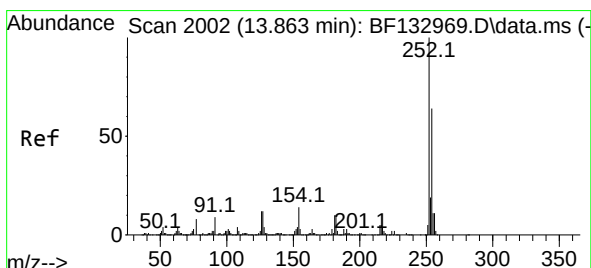
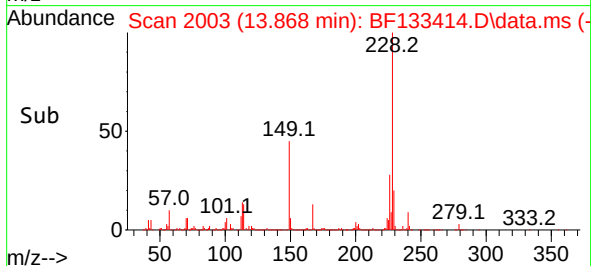
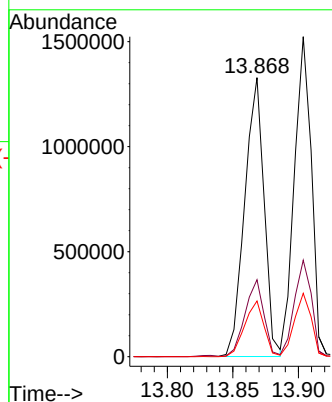
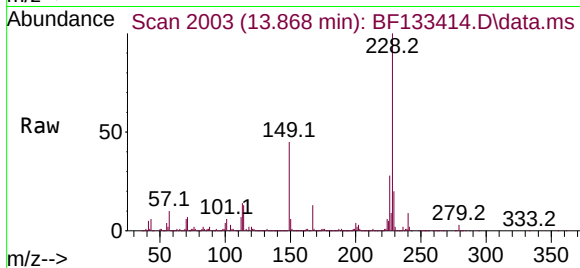
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#82

3,3'-Dichlorobenzidine

Concen: 35.318 ng

RT: 13.827 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

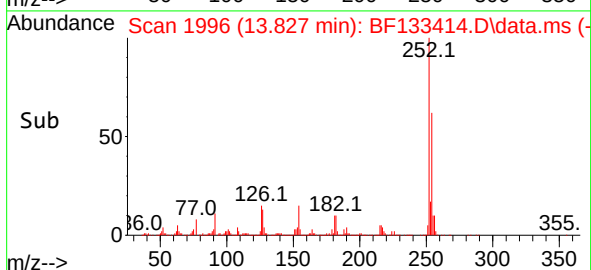
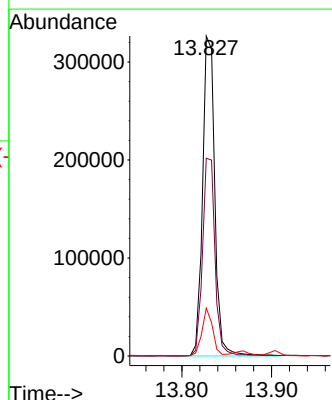
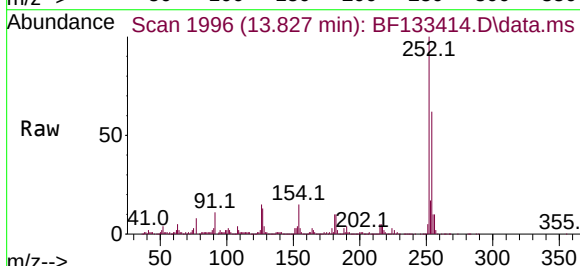
Tgt Ion:252 Resp: 308969

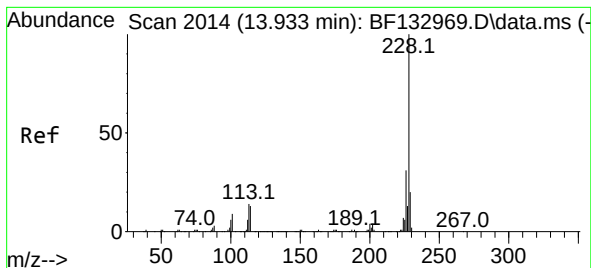
Ion Ratio Lower Upper

252 100

254 61.8 51.5 77.3

126 15.0 9.5 14.3#





#83

Chrysene

Concen: 43.552 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:228 Resp: 137884

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

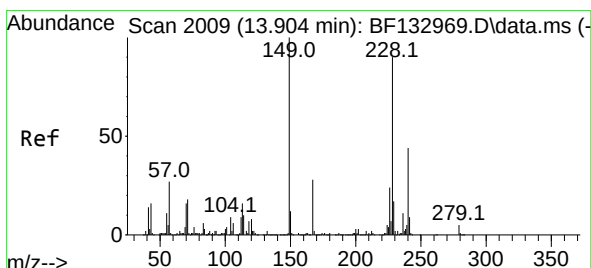
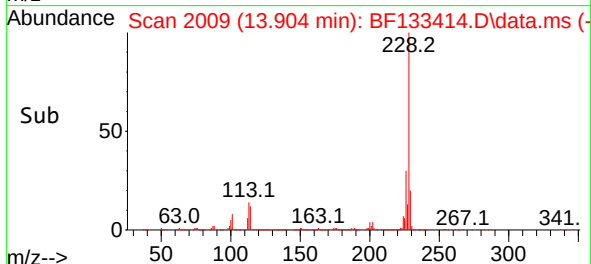
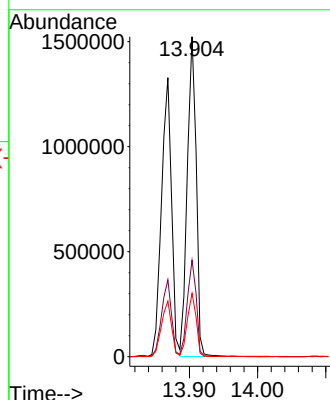
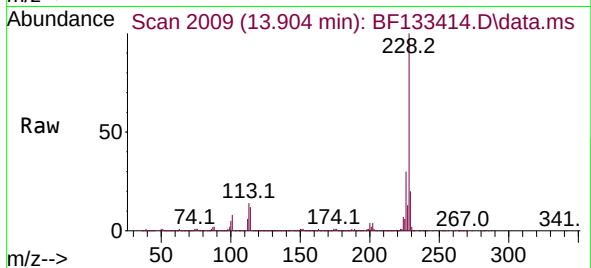
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.288 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

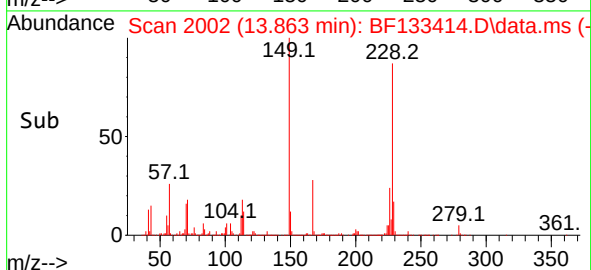
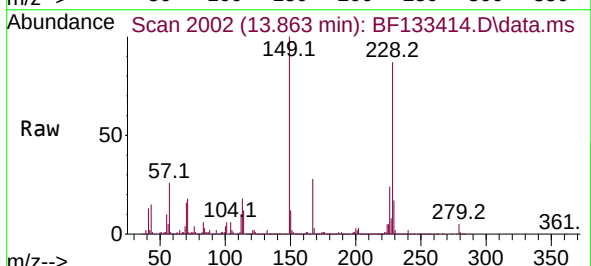
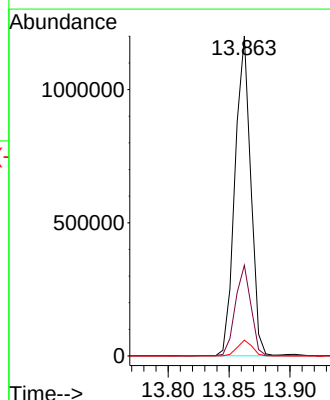
Tgt Ion:149 Resp: 1075238

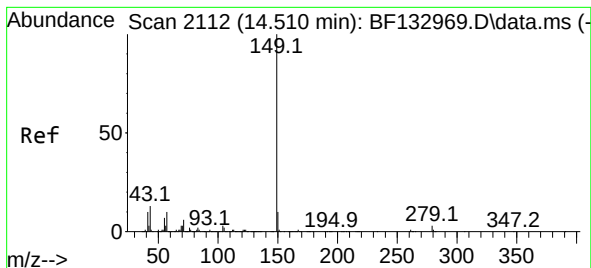
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 56.755 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:149 Resp: 162357

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

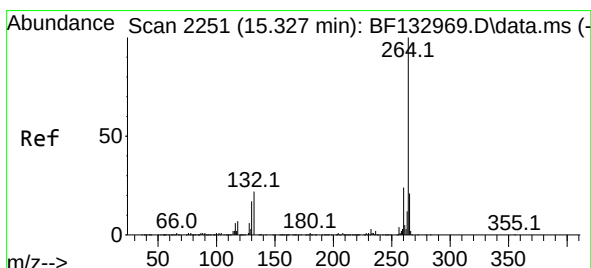
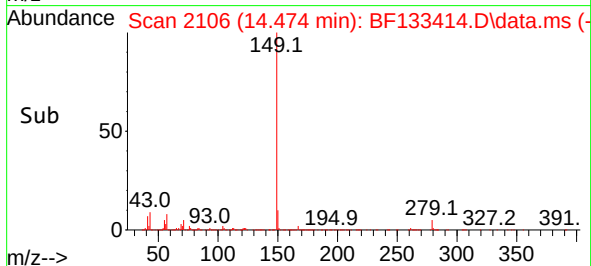
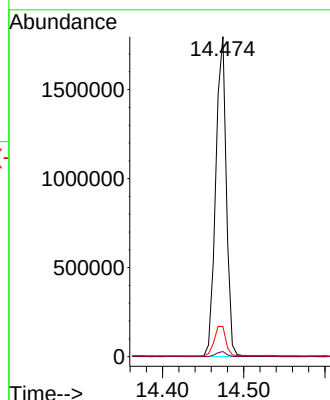
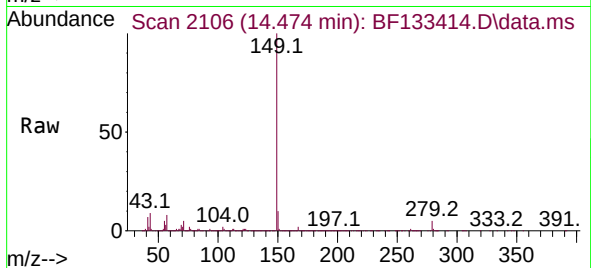
43 10.0 9.5 14.3

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: BF133414.D

Acq: 17 May 2023 15:39

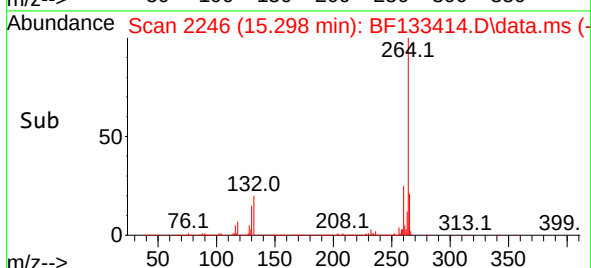
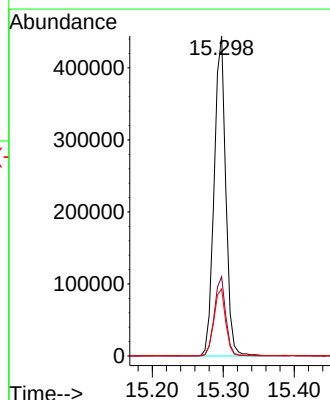
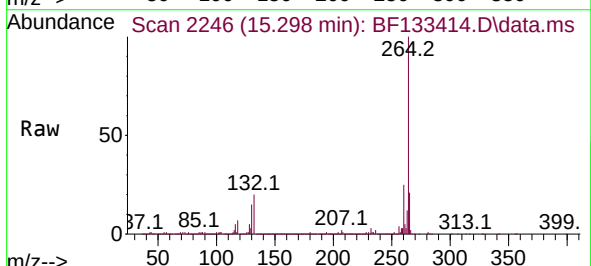
Tgt Ion:264 Resp: 505271

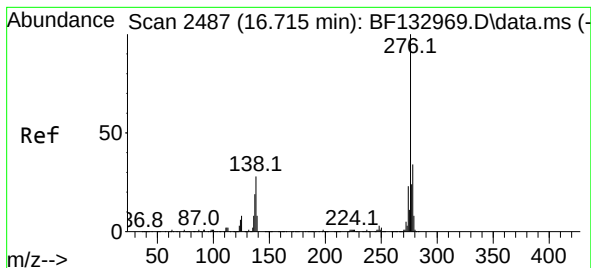
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.410 ng

RT: 16.686 min Scan# 2487

Delta R.T. -0.012 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:276 Resp: 167876

Ion Ratio Lower Upper

276 100

138 31.5 25.5 38.3

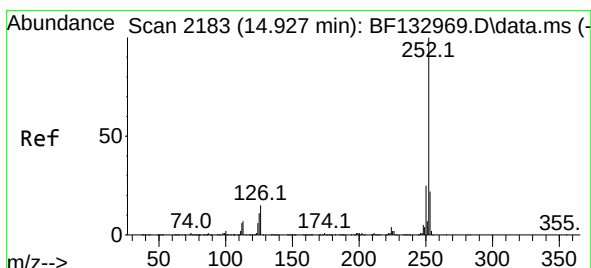
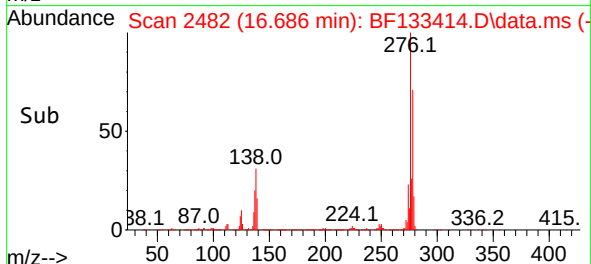
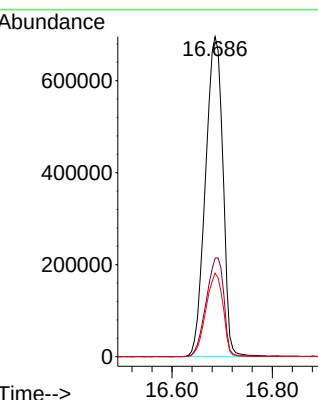
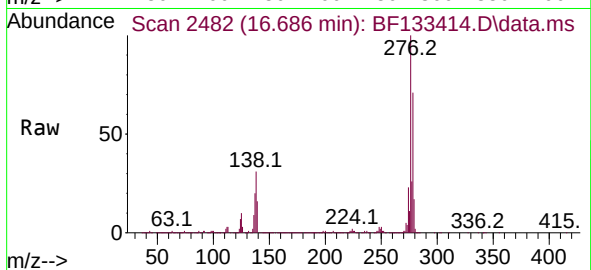
277 25.8 20.4 30.6

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: 41.178 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

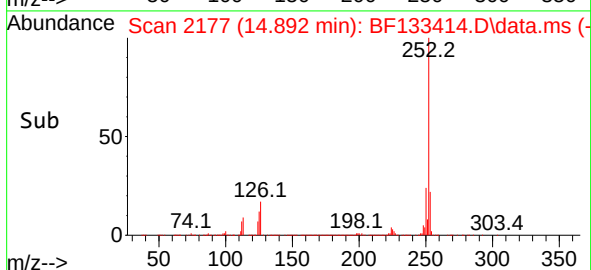
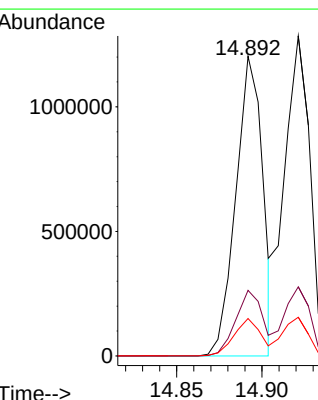
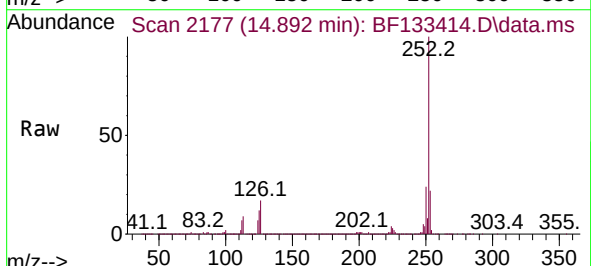
Tgt Ion:252 Resp: 1323670

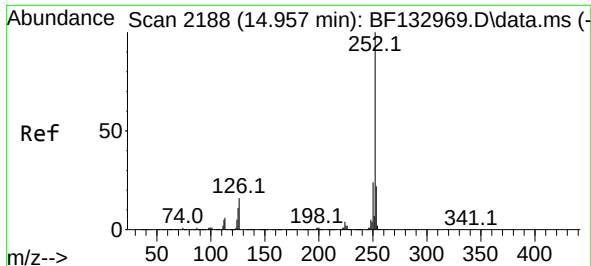
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.051 ng

RT: 14.921 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:252 Resp: 1339954

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

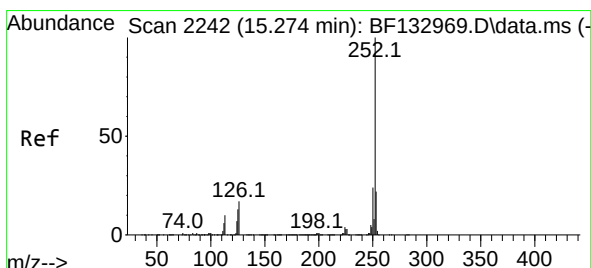
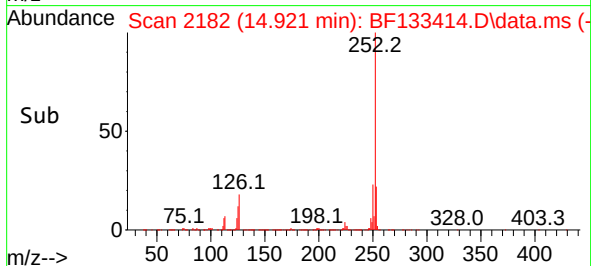
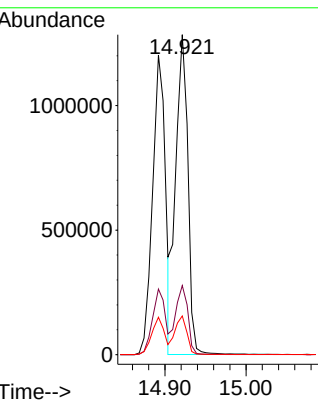
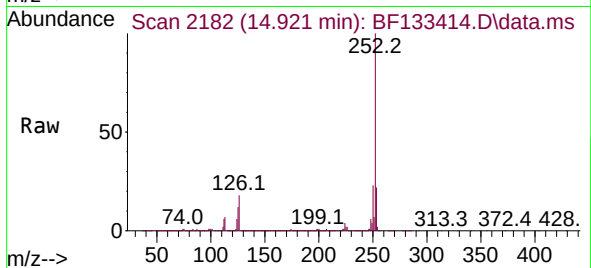
125 12.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#90

Benzo(a)pyrene

Concen: 42.168 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

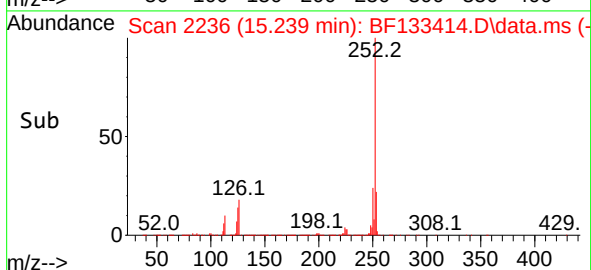
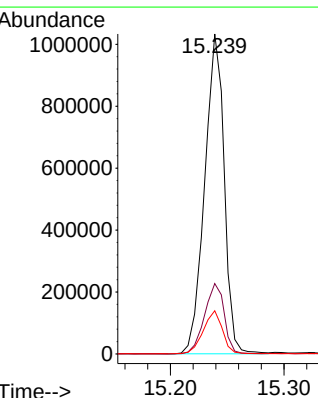
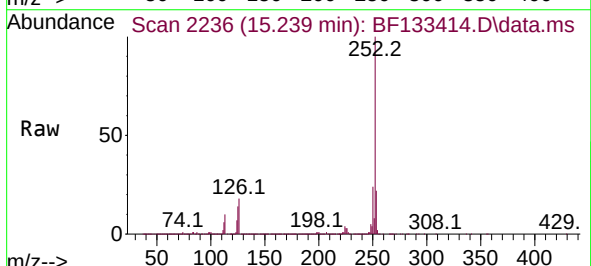
Tgt Ion:252 Resp: 1233777

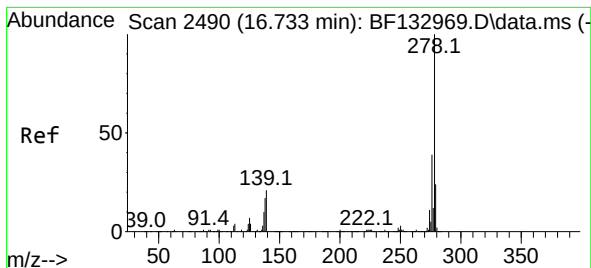
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 13.5 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 58.332 ng

RT: 16.698 min Scan# 2490

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:278 Resp: 139828

Ion Ratio Lower Upper

278 100

139 20.3 16.6 24.8

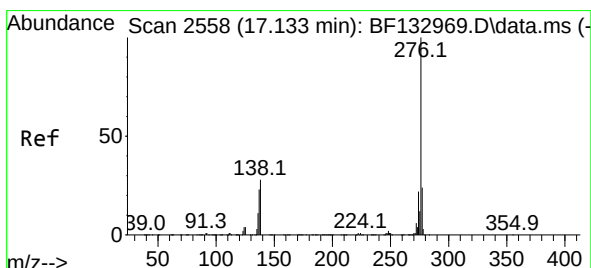
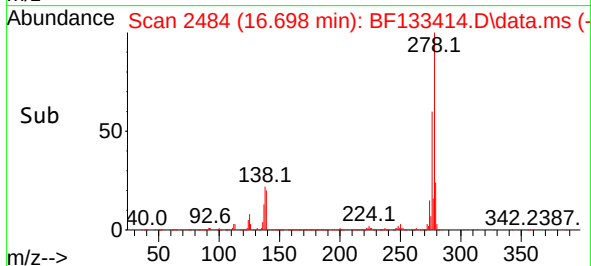
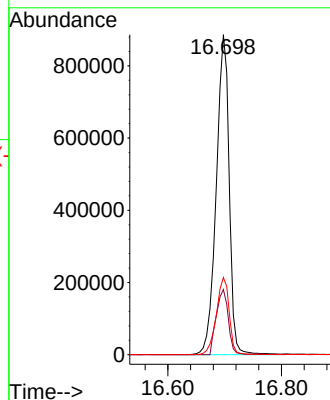
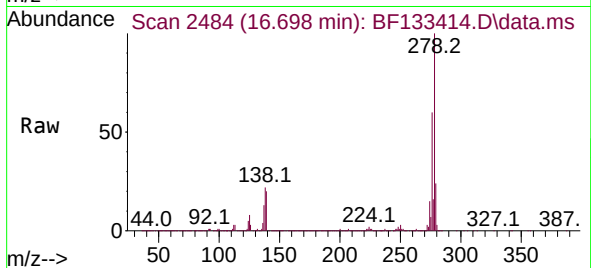
279 24.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#92

Benzo(g,h,i)perylene

Concen: 58.131 ng

RT: 17.103 min Scan# 2553

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Tgt Ion:276 Resp: 1375710

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 26.0 22.7 34.1

