

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132411.D
 Acq On : 13 Feb 2023 15:41
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021323

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 00:56:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	133406	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	482249	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	242059	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	458982	20.000	ng	0.00
76) Chrysene-d12	14.242	240	331942	20.000	ng	0.00
86) Perylene-d12	15.807	264	326117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	627820	85.878	ng	0.00
7) Phenol-d6	6.654	99	759953	83.409	ng	0.00
23) Nitrobenzene-d5	7.601	82	656788	81.247	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	264834	82.216	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1295665	77.490	ng	0.00
79) Terphenyl-d14	13.172	244	1504862	76.246	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.908	88	150716	28.058	ng	100
3) Pyridine	3.678	79	440505	45.320	ng	98
4) n-Nitrosodimethylamine	3.643	42	134590	42.407	ng	90
6) Aniline	6.701	93	449821m	45.412	ng	
8) 2-Chlorophenol	6.819	128	354490	40.514	ng	98
9) Benzaldehyde	6.584	77	128194	38.262	ng	98
10) Phenol	6.666	94	390353	41.994	ng	95
11) bis(2-Chloroethyl)ether	6.766	93	367247	39.320	ng	100
12) 1,3-Dichlorobenzene	6.978	146	380743	39.695	ng	99
13) 1,4-Dichlorobenzene	7.054	146	384258	39.914	ng	99
14) 1,2-Dichlorobenzene	7.207	146	357839	39.530	ng	99
15) Benzyl Alcohol	7.172	79	240849	44.297	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.307	45	282664	38.110	ng	97
17) 2-Methylphenol	7.278	107	297115	37.638	ng	98
18) Hexachloroethane	7.548	117	142848	37.402	ng	99
19) n-Nitroso-di-n-propyla...	7.443	70	191009	36.739	ng	99
20) 3+4-Methylphenols	7.431	107	368981	37.201	ng	99
22) Acetophenone	7.443	105	449877	40.017	ng	99
24) Nitrobenzene	7.619	77	326354	40.565	ng	99
25) Isophorone	7.854	82	598943	42.055	ng	100
26) 2-Nitrophenol	7.931	139	195459	44.273	ng	99
27) 2,4-Dimethylphenol	7.960	122	303642m	42.183	ng	
28) bis(2-Chloroethoxy)met...	8.060	93	385142	41.840	ng	99
29) 2,4-Dichlorophenol	8.172	162	295094	41.432	ng	98
30) 1,2,4-Trichlorobenzene	8.260	180	322788	39.904	ng	98
31) Naphthalene	8.342	128	988708	39.114	ng	100
32) Benzoic acid	8.066	122	195753	51.820	ng	99
33) 4-Chloroaniline	8.390	127	315702	33.971	ng	99
34) Hexachlorobutadiene	8.454	225	199862	38.704	ng	97
35) Caprolactam	8.760	113	90534	42.427	ng	97
36) 4-Chloro-3-methylphenol	8.860	107	304790	39.710	ng	100
37) 2-Methylnaphthalene	9.037	142	691223	35.042	ng	98
38) 1-Methylnaphthalene	9.137	142	636697	34.199	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	314342	41.162	ng	99
41) Hexachlorocyclopentadiene	9.184	237	202116	43.471	ng	99
43) 2,4,6-Trichlorophenol	9.307	196	215700	41.593	ng	99

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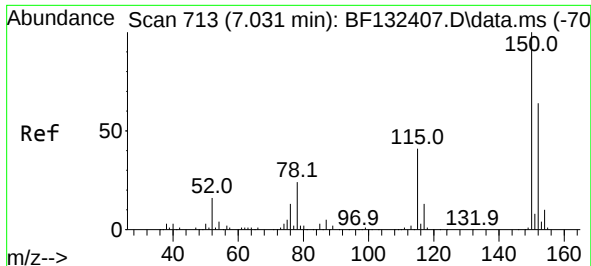
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	250272	42.134	ng	100
46) 1,1'-Biphenyl	9.501	154	793527	40.193	ng	100
47) 2-Chloronaphthalene	9.531	162	605786	40.108	ng	99
48) 2-Nitroaniline	9.619	65	150482	42.694	ng	99
49) Acenaphthylene	9.948	152	974709	40.592	ng	100
50) Dimethylphthalate	9.795	163	740910	40.639	ng	100
51) 2,6-Dinitrotoluene	9.860	165	167675	41.922	ng	99
52) Acenaphthene	10.119	154	627665	40.565	ng	99
53) 3-Nitroaniline	10.036	138	187189	42.075	ng	98
54) 2,4-Dinitrophenol	10.136	184	98732	44.396	ng	98
55) Dibenzofuran	10.289	168	871055	40.416	ng	100
56) 4-Nitrophenol	10.184	139	145146	43.770	ng	99
57) 2,4-Dinitrotoluene	10.266	165	224394	42.705	ng	100
58) Fluorene	10.636	166	681424	40.665	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.407	232	190409	41.765	ng	99
60) Diethylphthalate	10.495	149	745286	40.834	ng	98
61) 4-Chlorophenyl-phenylether	10.625	204	338786	40.243	ng	99
62) 4-Nitroaniline	10.654	138	164770	40.442	ng	97
63) Azobenzene	10.783	77	592080	41.103	ng	99
65) 4,6-Dinitro-2-methylphthalate	10.678	198	127718	44.759	ng	99
66) n-Nitrosodiphenylamine	10.742	169	593205	40.035	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	217020	40.511	ng	98
68) Hexachlorobenzene	11.183	284	239863	40.481	ng	99
69) Atrazine	11.266	200	180914	43.545	ng	99
70) Pentachlorophenol	11.378	266	154945	43.706	ng	99
71) Phenanthrene	11.607	178	1006150	40.208	ng	100
72) Anthracene	11.660	178	1033707	40.335	ng	99
73) Carbazole	11.813	167	886933	40.328	ng	100
74) Di-n-butylphthalate	12.130	149	1145683	41.483	ng	100
75) Fluoranthene	12.801	202	1052599	42.505	ng	100
77) Benzidine	12.925	184	196396	41.586	ng	98
78) Pyrene	13.036	202	1070585	38.917	ng	99
80) Butylbenzylphthalate	13.642	149	482176	42.286	ng	99
81) Benzo(a)anthracene	14.230	228	971802	40.240	ng	98
82) 3,3'-Dichlorobenzidine	14.189	252	272039	40.732	ng	99
83) Chrysene	14.271	228	916390	40.212	ng	99
84) Bis(2-ethylhexyl)phthalate	14.201	149	661089	41.220	ng	99
85) Di-n-octyl phthalate	14.830	149	1052925	41.156	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	916517	39.539	ng	100
88) Benzo(b)fluoranthene	15.336	252	892035	42.133	ng	100
89) Benzo(k)fluoranthene	15.371	252	850522	40.385	ng	100
90) Benzo(a)pyrene	15.742	252	816937	41.085	ng	99
91) Dibenzo(a,h)anthracene	17.448	278	759289	39.330	ng	99
92) Benzo(g,h,i)perylene	17.930	276	763151	40.132	ng	97

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

Manual Integrations

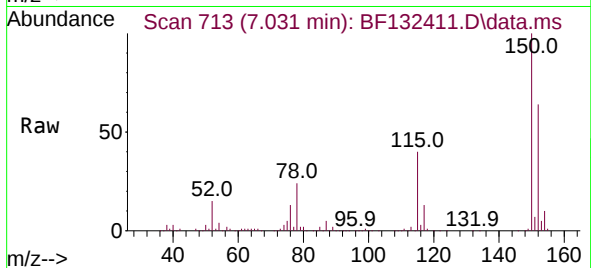
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

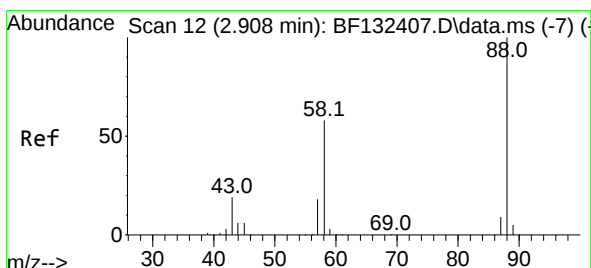
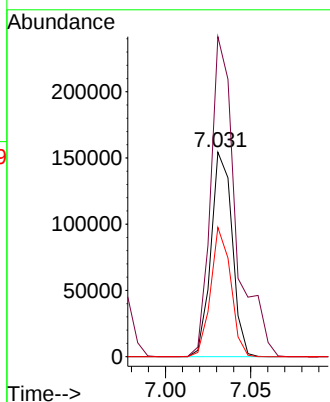
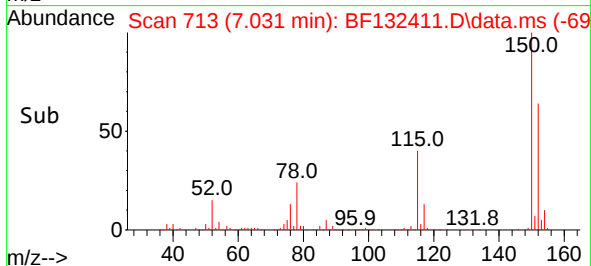
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



Tgt Ion: 152 Resp: 133406
Ion Ratio Lower Upper
152 100
150 156.6 124.4 186.6
115 63.2 50.6 75.8

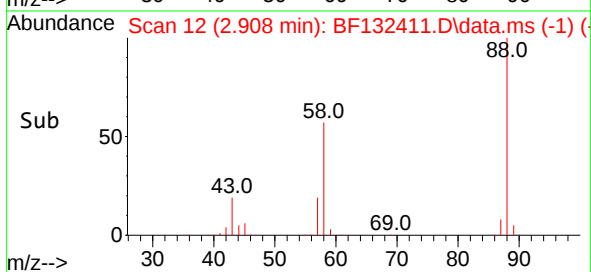
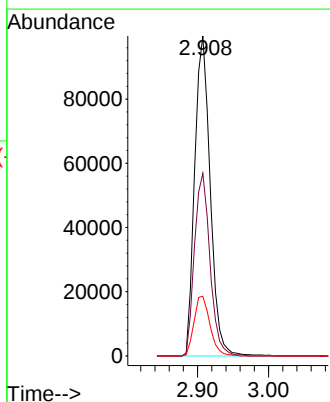
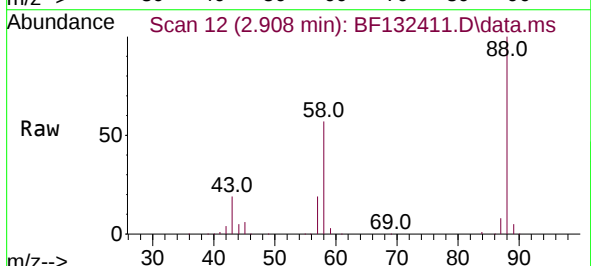
Manual Integrations
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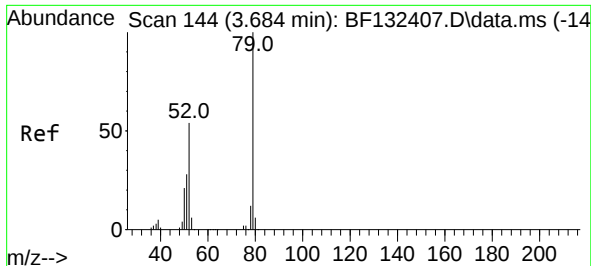
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#2
1,4-Dioxane
Concen: 28.058 ng
RT: 2.908 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

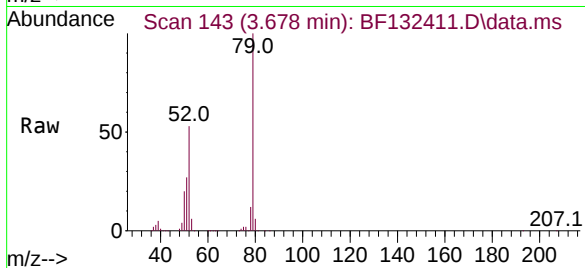
Tgt Ion: 88 Resp: 150716
Ion Ratio Lower Upper
88 100
58 57.0 45.7 68.5
43 19.1 15.0 22.4





#3
Pyridine
Concen: 45.320 ng
RT: 3.678 min Scan# 144
Delta R.T. -0.006 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

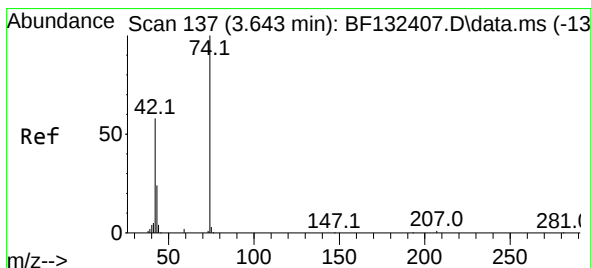
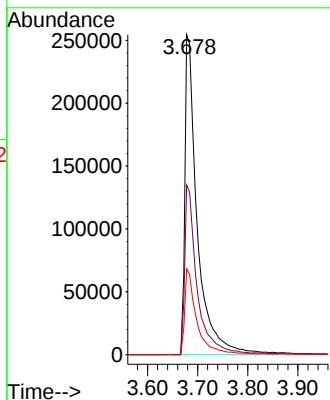
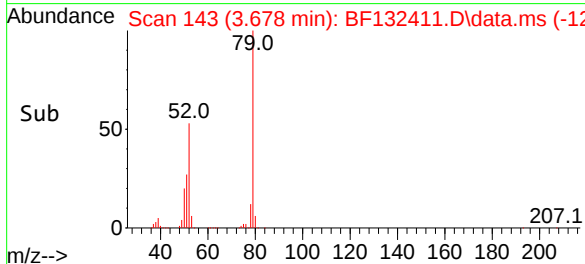
Instrument :
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ClientSampleId :
ICVBF021323



Tgt Ion: 79 Resp: 440505
Ion Ratio Lower Upper
79 100
52 53.0 43.3 64.9
51 26.8 22.1 33.1

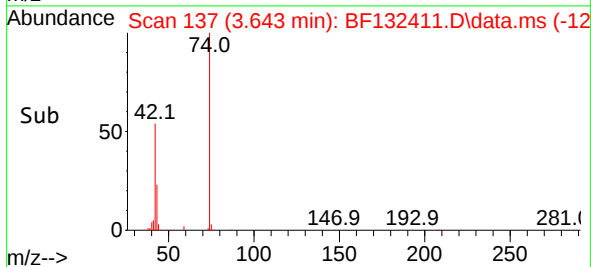
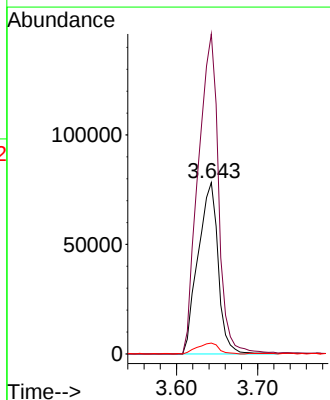
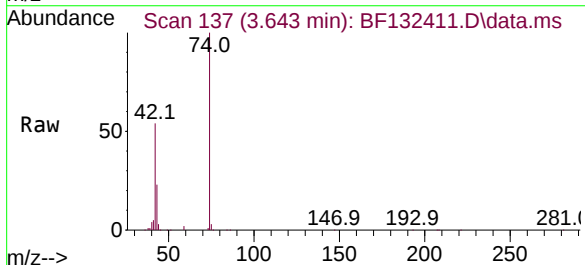
Manual Integrations
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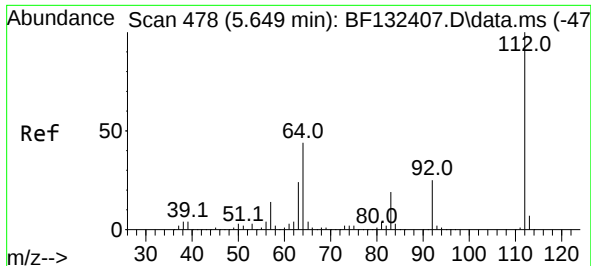
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#4
n-Nitrosodimethylamine
Concen: 42.407 ng
RT: 3.643 min Scan# 137
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion: 42 Resp: 134590
Ion Ratio Lower Upper
42 100
74 186.7 137.8 206.6
44 6.3 5.8 8.6





#5
2-Fluorophenol
Concen: 85.878 ng
RT: 5.649 min Scan# 478
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

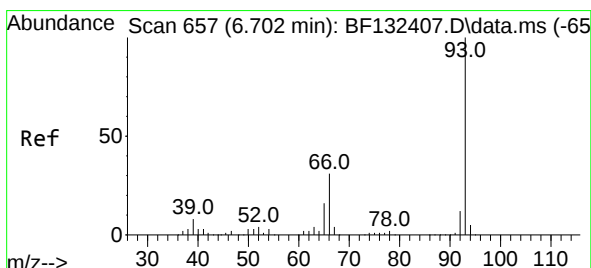
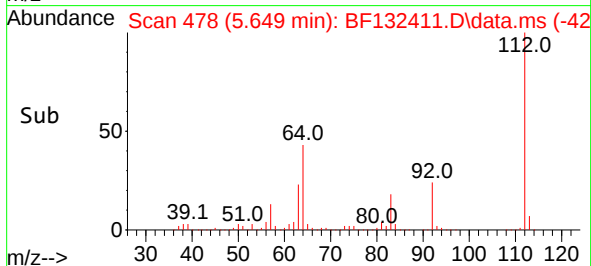
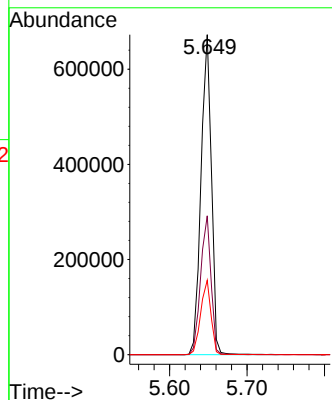
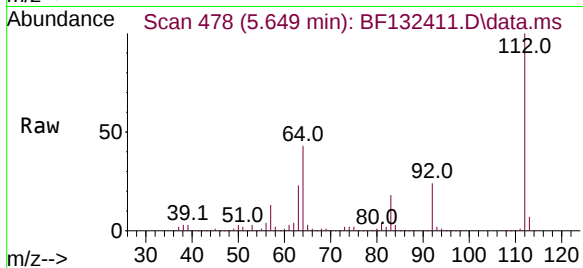
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Tgt Ion:112 Resp: 627820
Ion Ratio Lower Upper
112 100
64 43.4 34.8 52.2
63 23.2 19.3 28.9

Manual Integrations

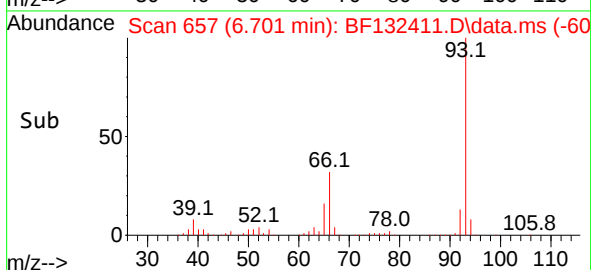
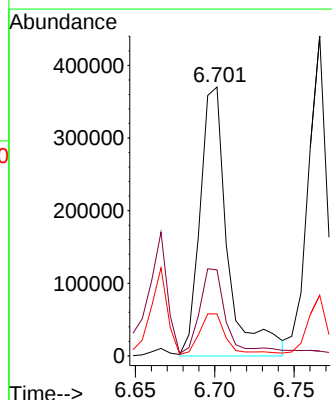
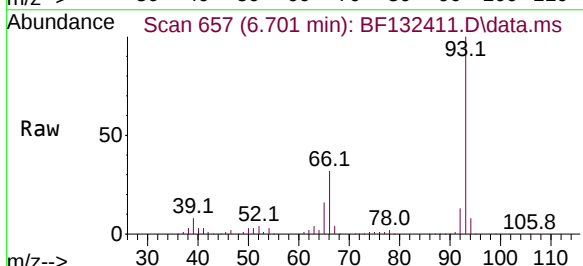
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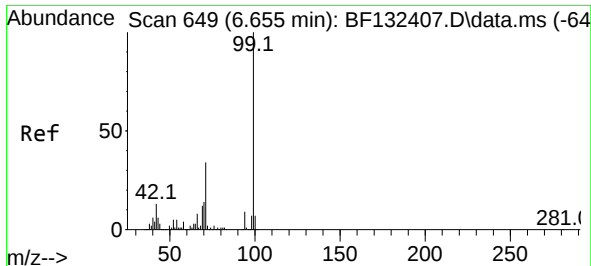
Reviewed By :Christian Giraldo 02/14/2023
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#6
Aniline
Concen: 45.412 ng m
RT: 6.701 min Scan# 657
Delta R.T. -0.001 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion: 93 Resp: 449821
Ion Ratio Lower Upper
93 100
66 32.0 25.7 38.5
65 15.6 13.1 19.7





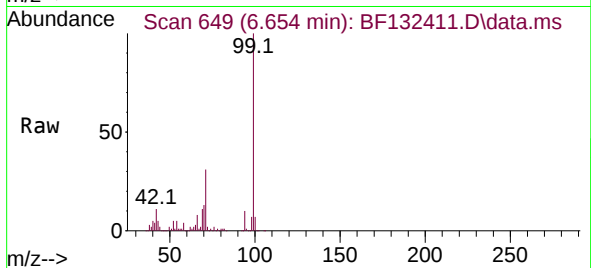
#7
Phenol-d6
Concen: 83.409 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.001 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

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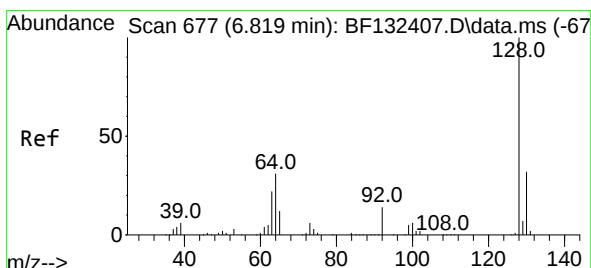
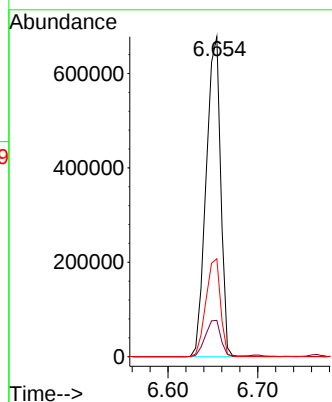
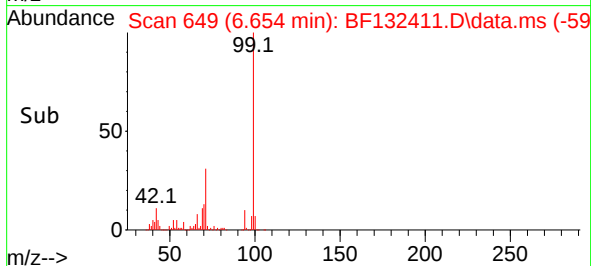


Tgt Ion: 99 Resp: 759953
Ion Ratio Lower Upper
99 100
42 11.3 10.1 15.1
71 30.6 26.8 40.2

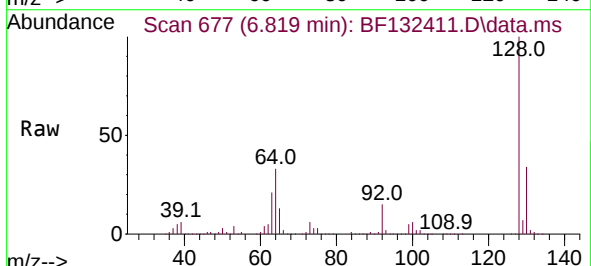
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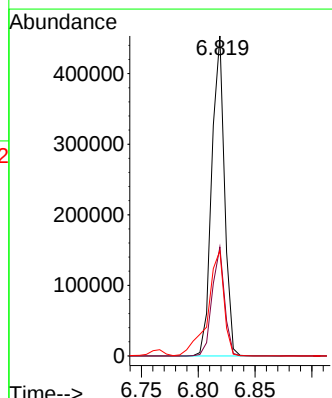
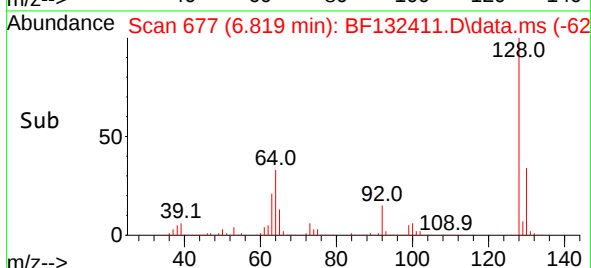
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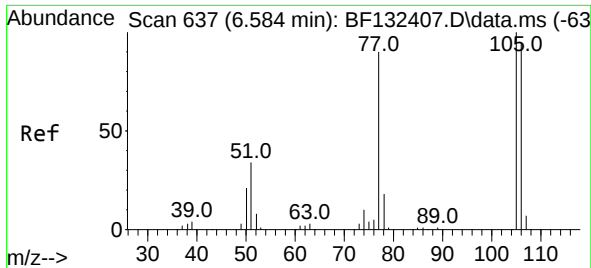


#8
2-Chlorophenol
Concen: 40.514 ng
RT: 6.819 min Scan# 677
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



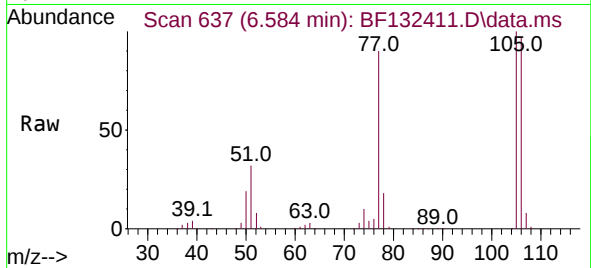
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Ion Ratio Lower Upper
128 100
130 34.0 12.0 52.0
64 32.9 12.3 52.3





#9
Benzaldehyde
Concen: 38.262 ng
RT: 6.584 min Scan# 637
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

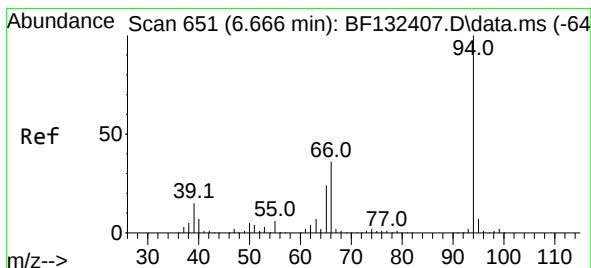
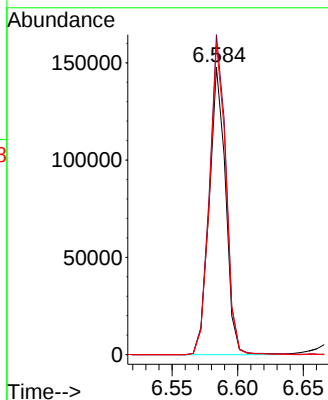
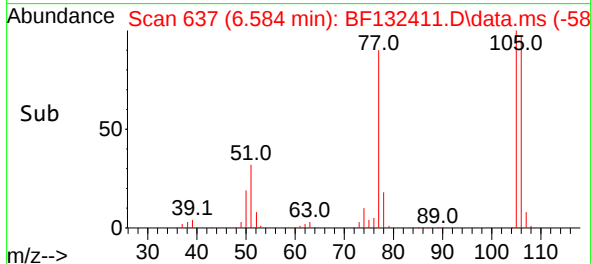
Instrument :
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Tgt Ion: 77 Resp: 128194
Ion Ratio Lower Upper
77 100
105 111.3 91.1 131.1
106 108.2 84.2 124.2

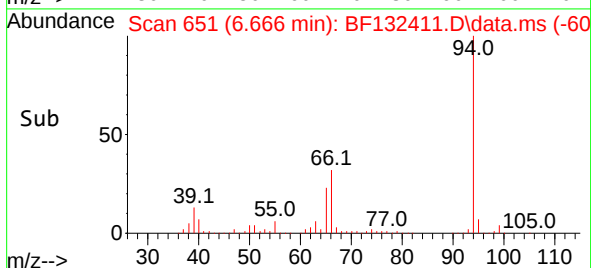
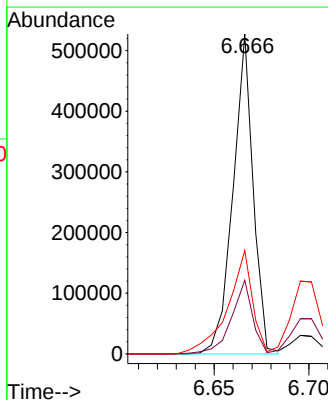
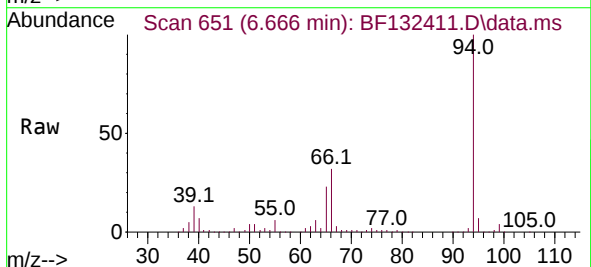
Manual Integrations
APPROVED

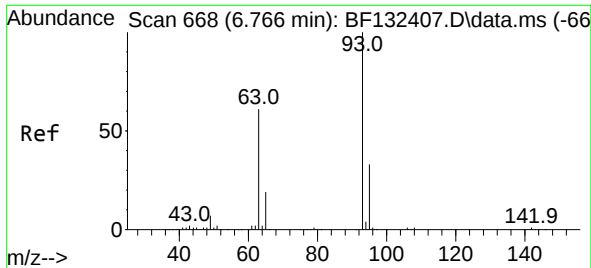
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#10
Phenol
Concen: 41.994 ng
RT: 6.666 min Scan# 651
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion: 94 Resp: 390353
Ion Ratio Lower Upper
94 100
65 23.0 4.3 44.3
66 32.3 16.2 56.2





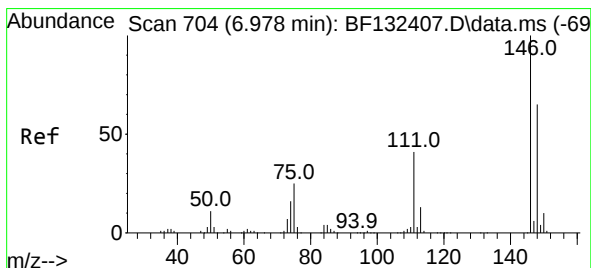
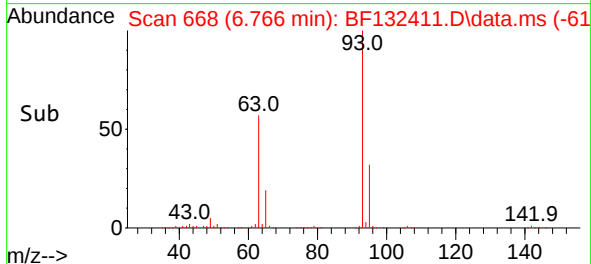
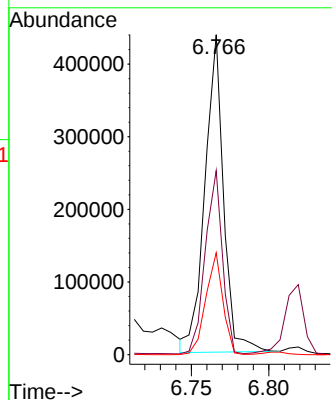
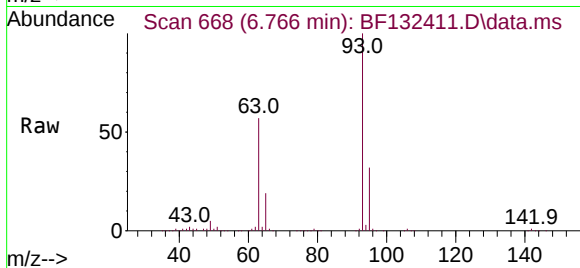
#11
bis(2-Chloroethyl)ether
Concen: 39.320 ng
RT: 6.766 min Scan# 60
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :
BNA_F
ClientSampleId :
ICVBF021323

Tgt Ion: 93 Resp: 36724
Ion Ratio Lower Upper
93 100
63 57.5 37.9 77.9
95 31.8 11.7 51.7

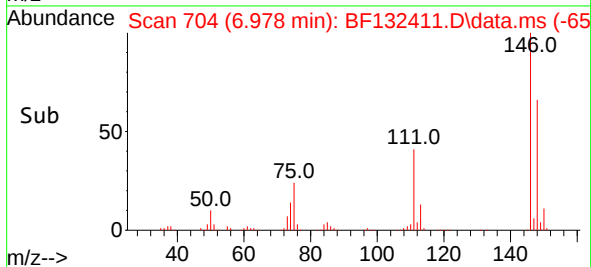
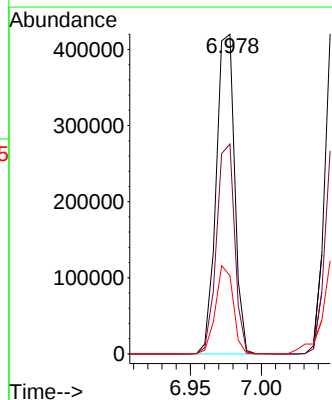
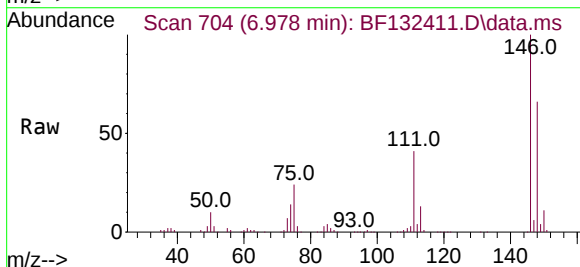
Manual Integrations
APPROVED

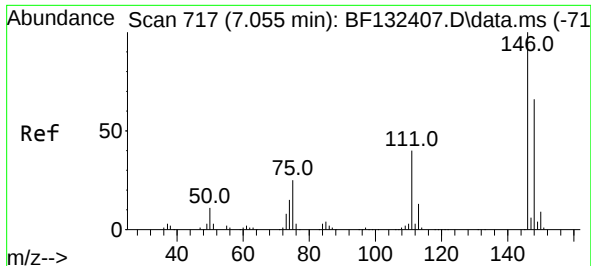
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#12
1,3-Dichlorobenzene
Concen: 39.695 ng
RT: 6.978 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion:146 Resp: 380743
Ion Ratio Lower Upper
146 100
148 65.7 52.2 78.4
75 24.5 20.0 30.0





#13

1,4-Dichlorobenzene

Concen: 39.914 ng

RT: 7.054 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

Tgt Ion:146 Resp: 384258

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

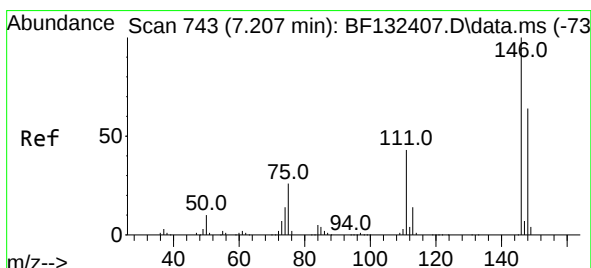
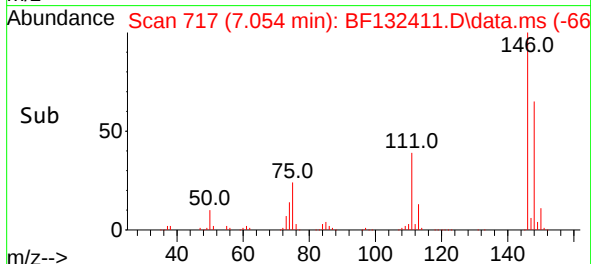
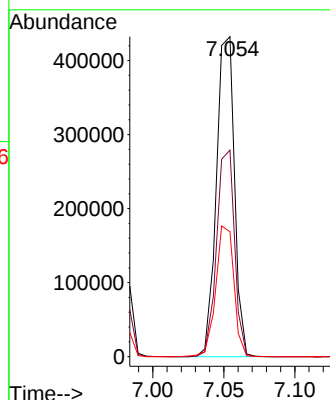
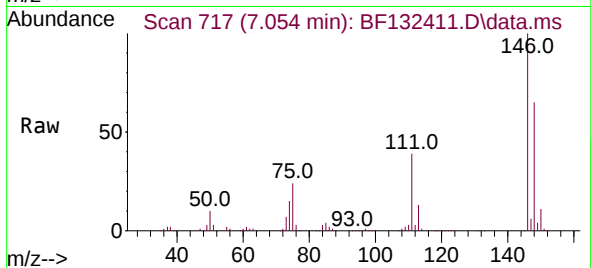
111 39.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#14

1,2-Dichlorobenzene

Concen: 39.530 ng

RT: 7.207 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

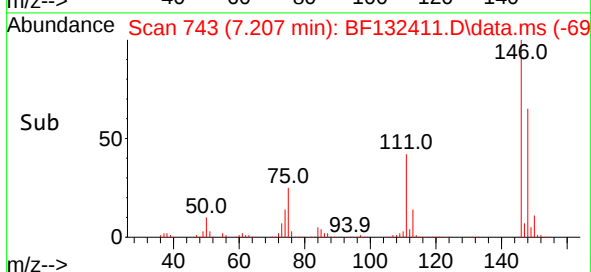
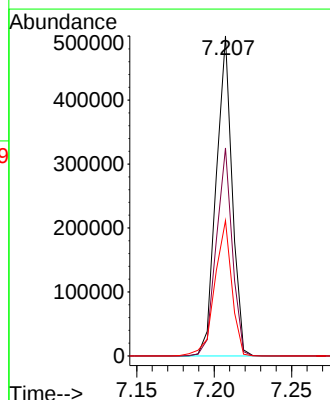
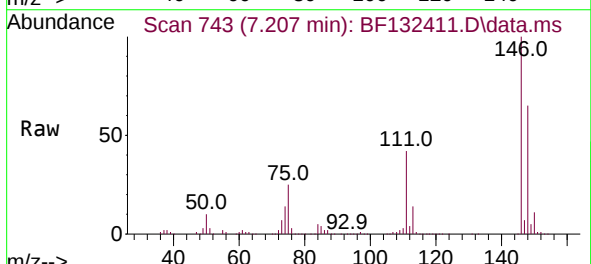
Tgt Ion:146 Resp: 357839

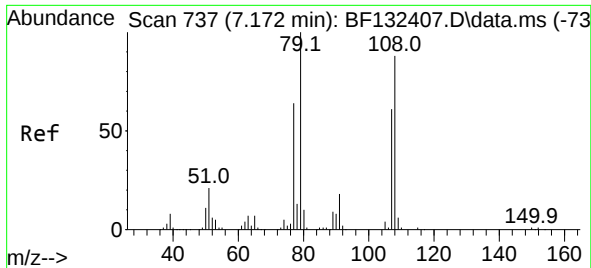
Ion Ratio Lower Upper

146 100

148 65.0 51.2 76.8

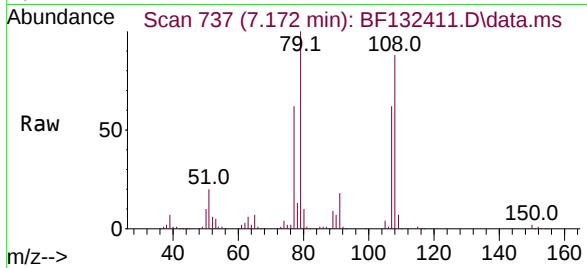
111 42.3 34.2 51.4





#15
Benzyl Alcohol
Concen: 44.297 ng
RT: 7.172 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

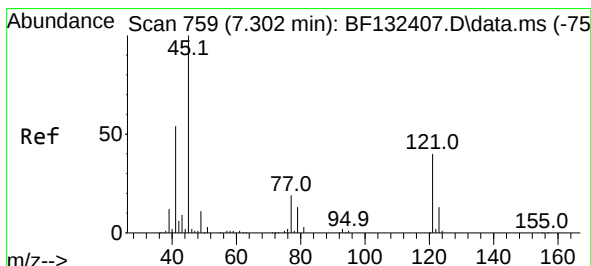
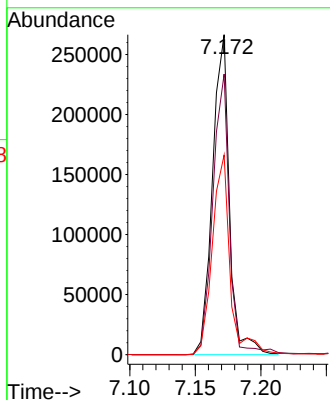
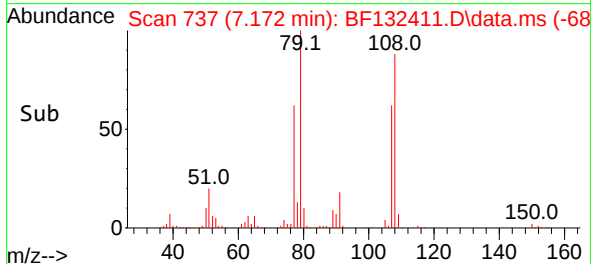
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



Tgt Ion: 79 Resp: 240849
Ion Ratio Lower Upper
79 100
108 87.7 70.2 105.2
77 62.4 51.1 76.7

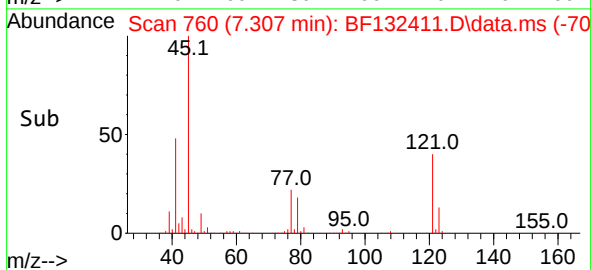
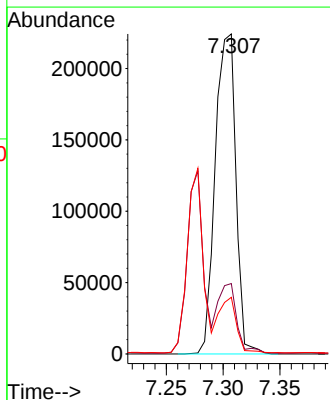
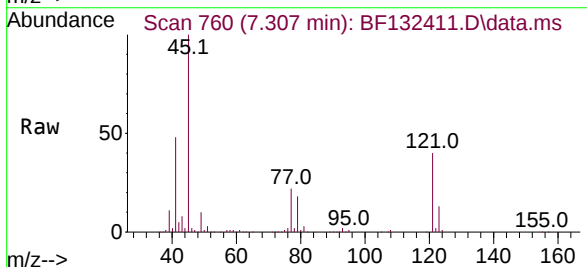
Manual Integrations
APPROVED

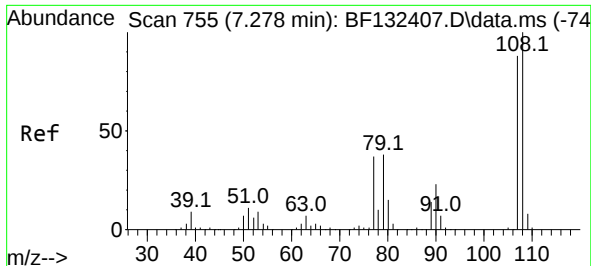
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.110 ng
RT: 7.307 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion: 45 Resp: 282664
Ion Ratio Lower Upper
45 100
77 22.0 1.3 41.3
79 17.7 0.0 35.9





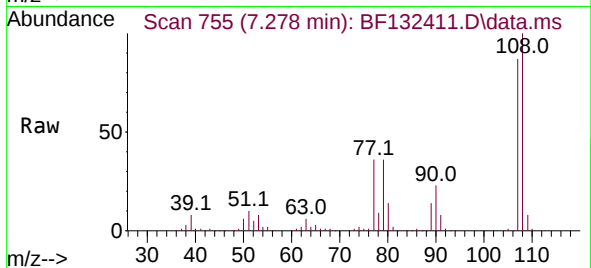
#17
2-Methylphenol
Concen: 37.638 ng
RT: 7.278 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

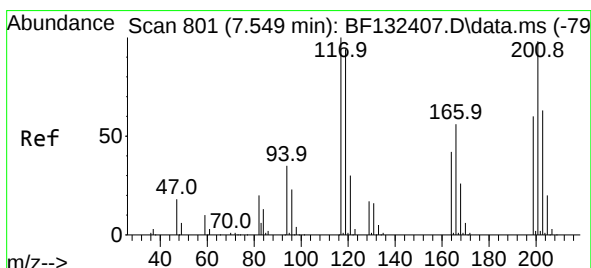
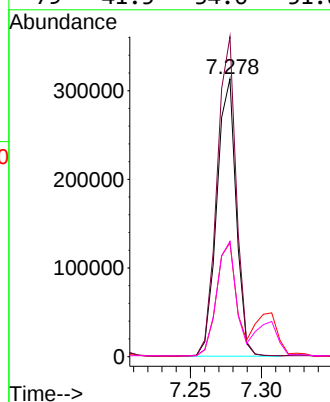
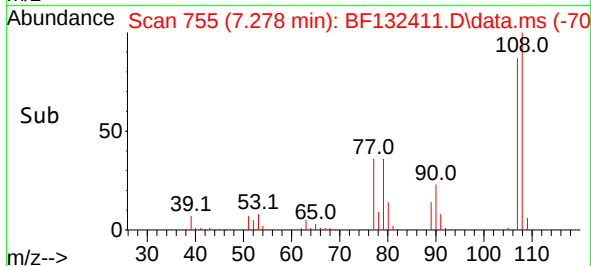


Tgt Ion:107 Resp: 297115
Ion Ratio Lower Upper
107 100
108 115.2 90.6 135.8
77 41.0 33.8 50.8
79 41.5 34.6 51.8

Manual Integrations

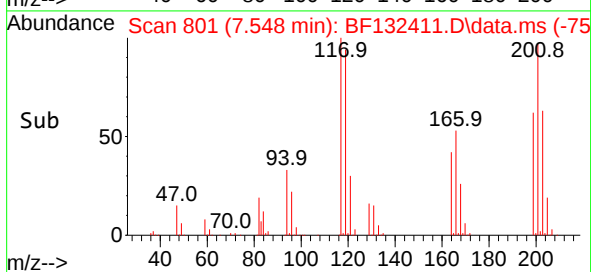
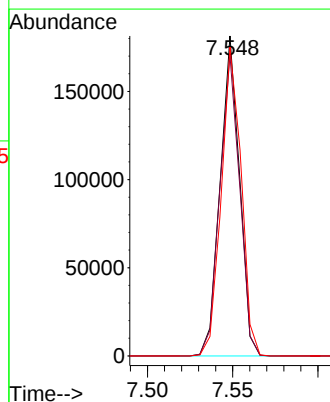
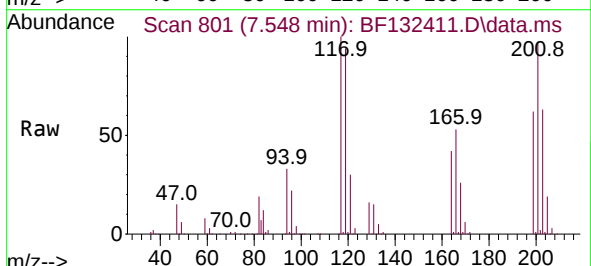
APPROVED

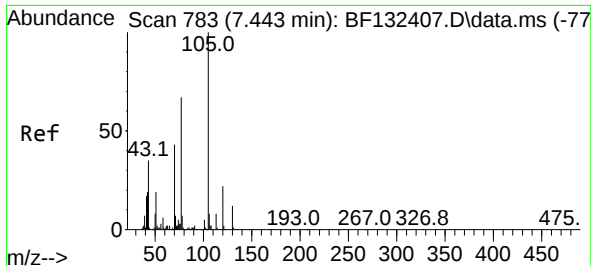
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#18
Hexachloroethane
Concen: 37.402 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

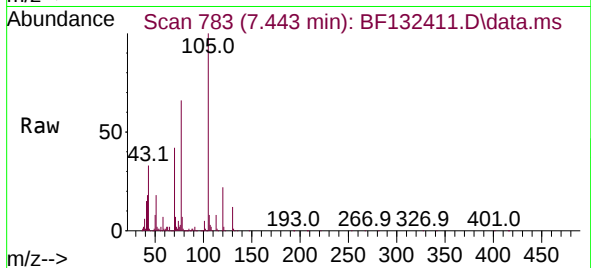
Tgt Ion:117 Resp: 142848
Ion Ratio Lower Upper
117 100
119 94.0 75.3 112.9
201 96.5 78.7 118.1





#19
n-Nitroso-di-n-propylamine
Concen: 36.739 ng
RT: 7.443 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

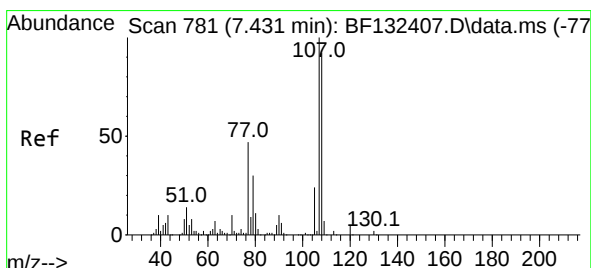
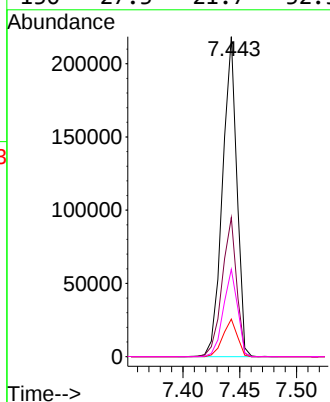
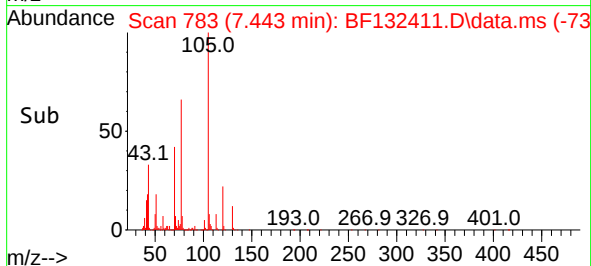
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



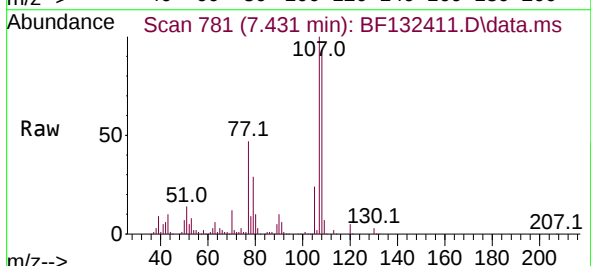
Tgt Ion: 70 Resp: 191009
Ion Ratio Lower Upper
70 100
42 43.4 36.0 54.0
101 11.7 9.4 14.2
130 27.3 21.7 32.5

Manual Integrations
APPROVED

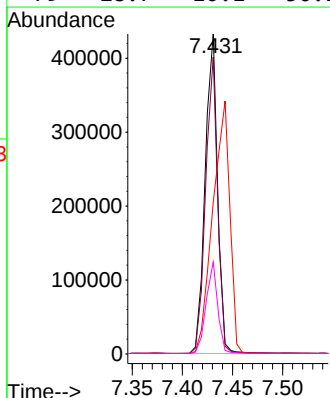
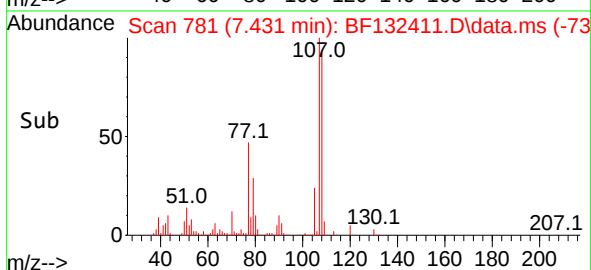
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

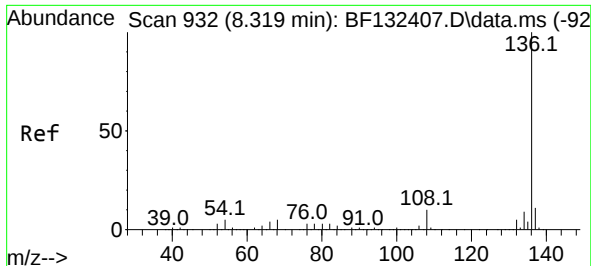


#20
3+4-Methylphenols
Concen: 37.201 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:107 Resp: 368981
Ion Ratio Lower Upper
107 100
108 92.8 72.0 112.0
77 47.4 27.4 67.4
79 28.7 10.1 50.1





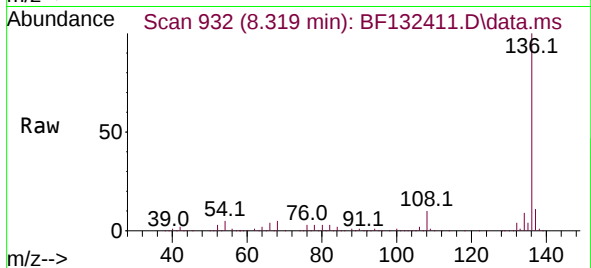
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

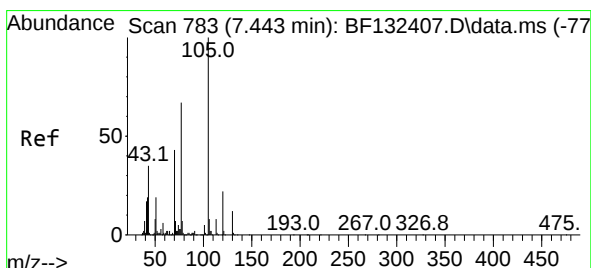
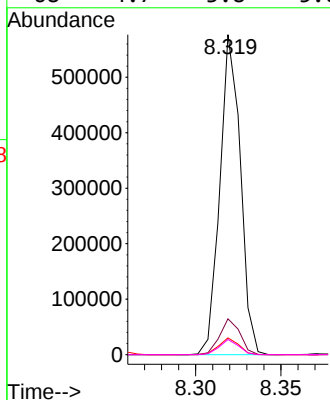
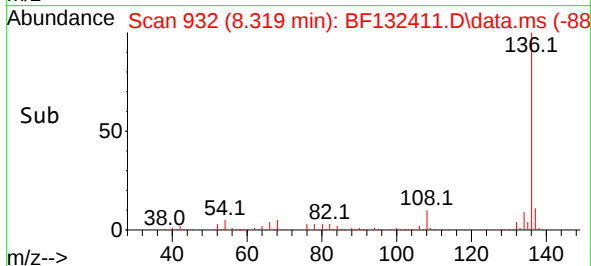


Tgt Ion:136 Resp: 482249
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 5.2 4.2 6.2
68 4.7 3.8 5.6

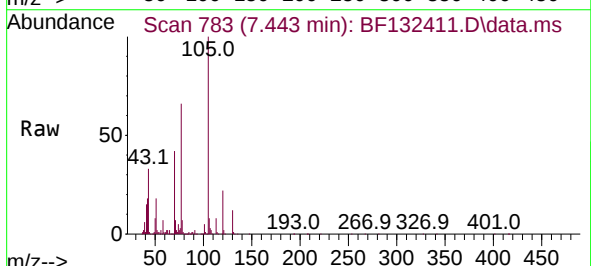
Manual Integrations

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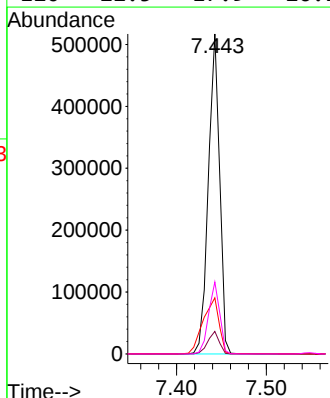
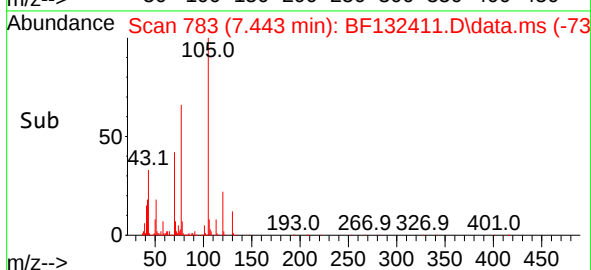
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

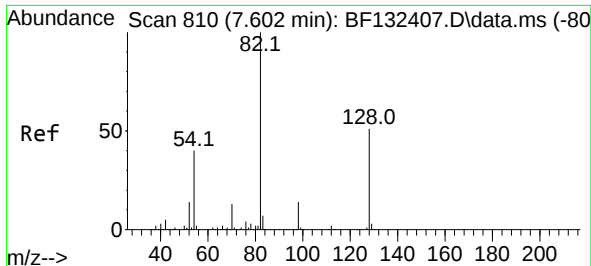


#22
Acetophenone
Concen: 40.017 ng
RT: 7.443 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:105 Resp: 449877
Ion Ratio Lower Upper
105 100
71 7.1 5.4 8.2
51 17.5 14.9 22.3
120 22.5 17.9 26.9





#23

Nitrobenzene-d5

Concen: 81.247 ng

RT: 7.601 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

Tgt Ion: 82 Resp: 656788

Ion Ratio Lower Upper

82 100

128 50.9 40.7 61.1

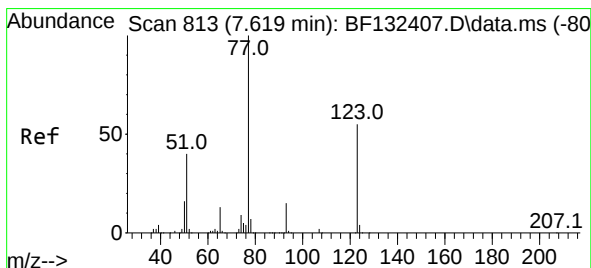
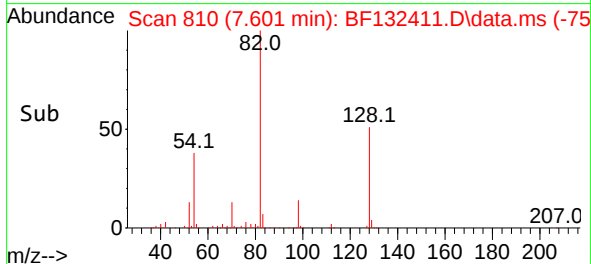
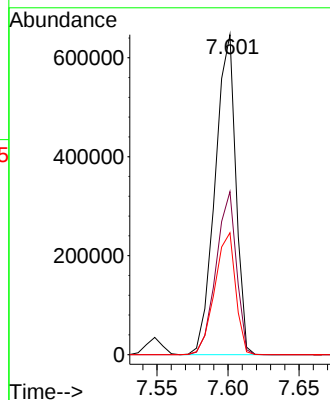
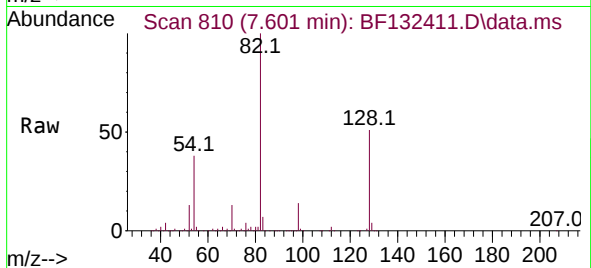
54 38.1 32.3 48.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#24

Nitrobenzene

Concen: 40.565 ng

RT: 7.619 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

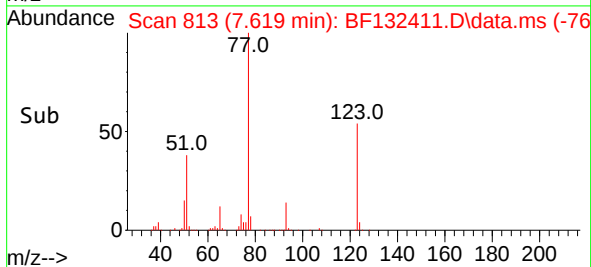
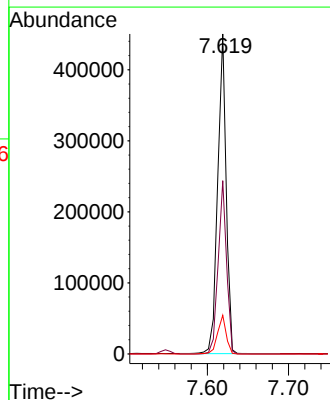
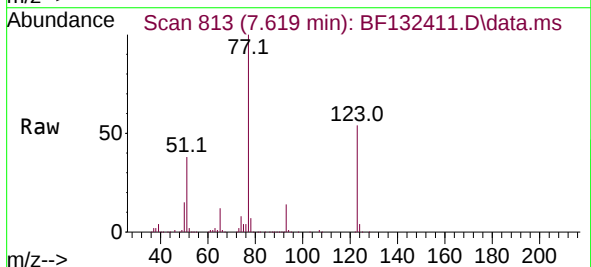
Tgt Ion: 77 Resp: 326354

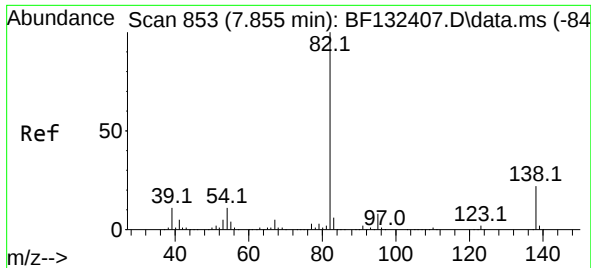
Ion Ratio Lower Upper

77 100

123 54.1 43.6 65.4

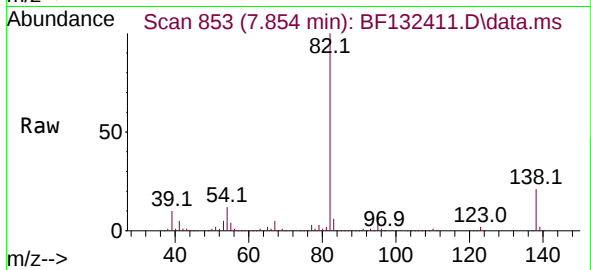
65 12.1 10.3 15.5





#25
Isophorone
Concen: 42.055 ng
RT: 7.854 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

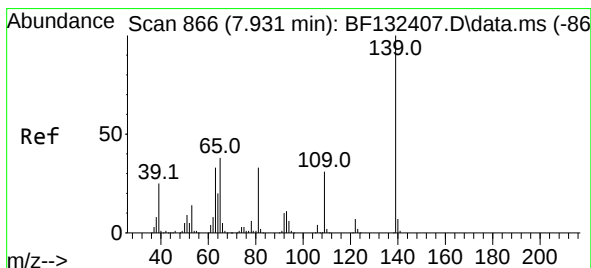
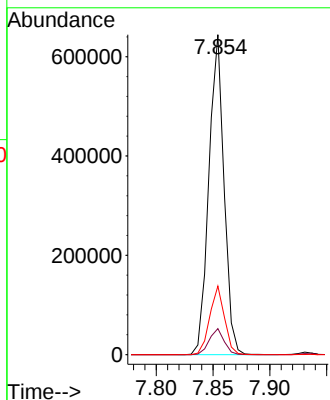
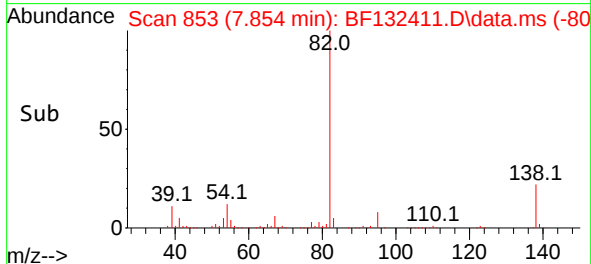
Instrument :
BNA_F
Client Sample Id :
ICVBF021323



Tgt Ion: 82 Resp: 598943
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 21.4 17.2 25.8

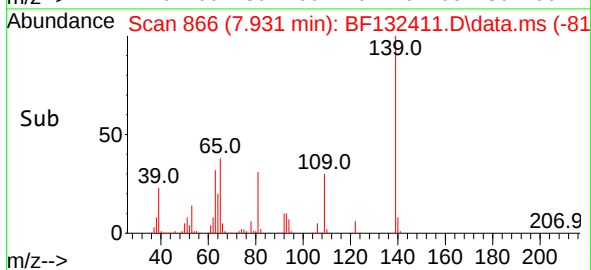
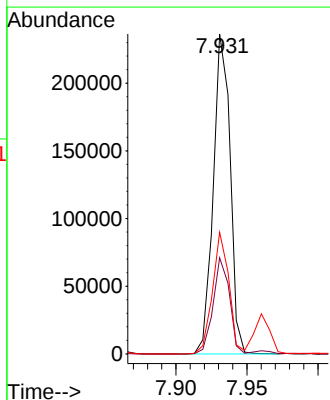
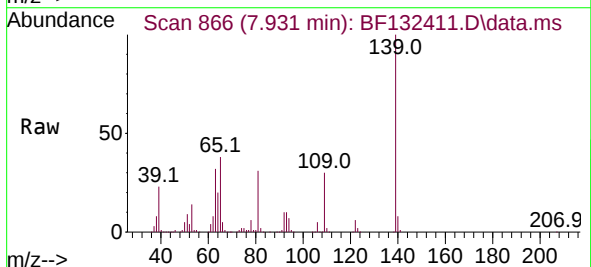
Manual Integrations
APPROVED

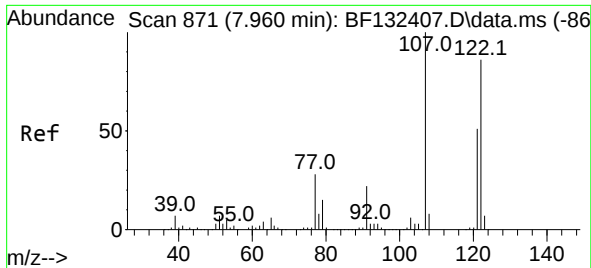
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#26
2-Nitrophenol
Concen: 44.273 ng
RT: 7.931 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

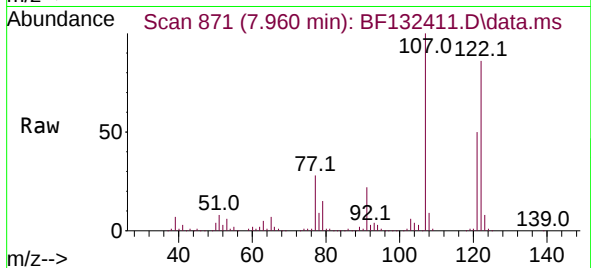
Tgt Ion:139 Resp: 195459
Ion Ratio Lower Upper
139 100
109 30.0 25.2 37.8
65 38.0 30.6 45.8





#27
2,4-Dimethylphenol
Concen: 42.183 ng m
RT: 7.960 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

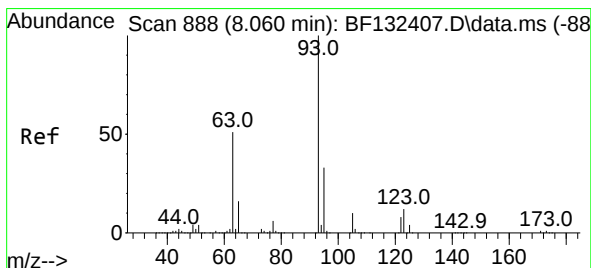
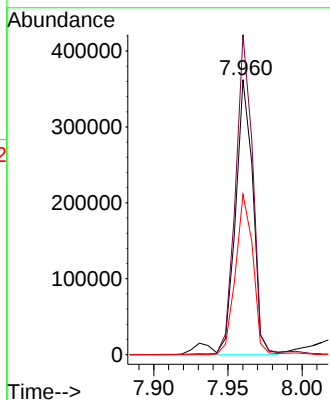
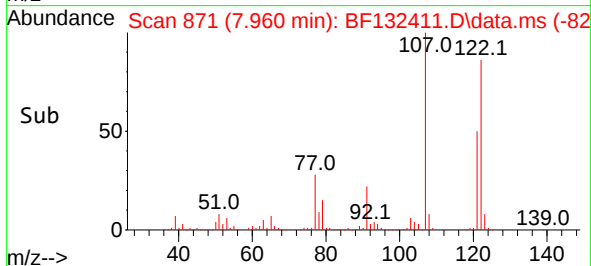
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



Tgt Ion:122 Resp: 303642
Ion Ratio Lower Upper
122 100
107 116.4 93.2 139.8
121 58.3 47.4 71.0

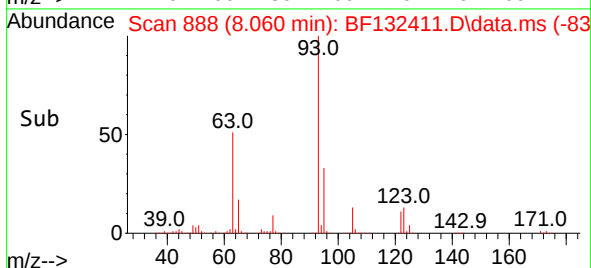
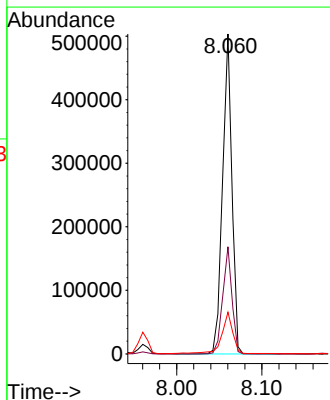
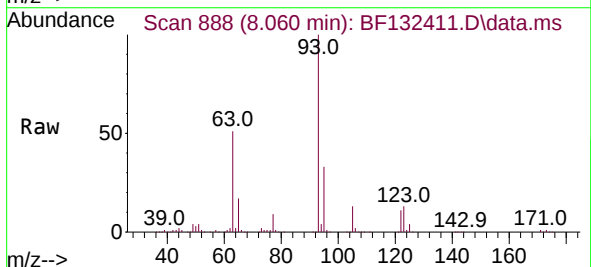
Manual Integrations
APPROVED

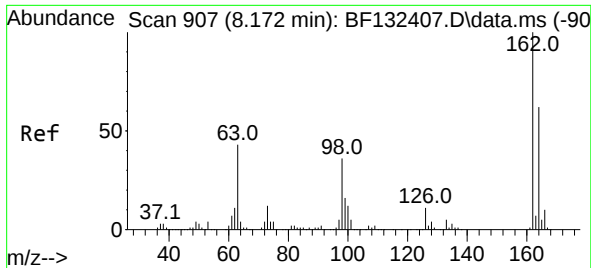
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.840 ng
RT: 8.060 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion: 93 Resp: 385142
Ion Ratio Lower Upper
93 100
95 33.5 26.2 39.2
123 13.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 41.432 ng

RT: 8.172 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

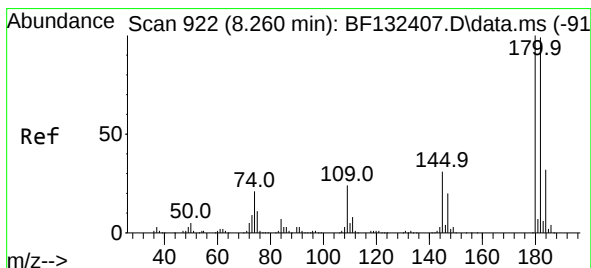
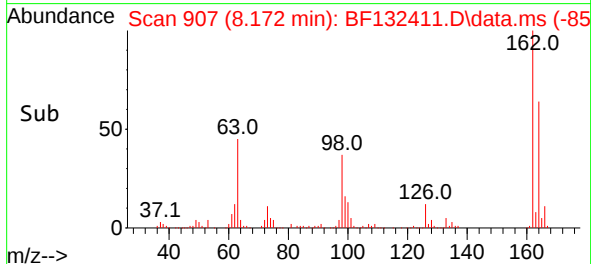
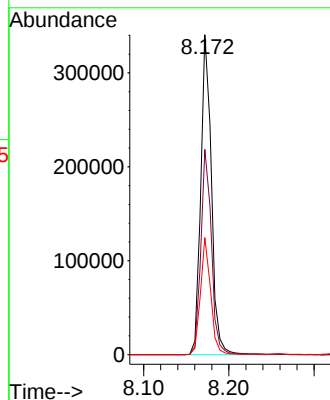
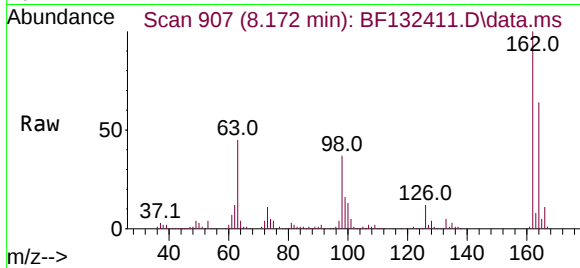
ICVBF021323

Tgt Ion:162	Resp: 295094
Ion Ratio	Lower Upper
162 100	
164 64.1	42.4 82.4
98 36.6	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.904 ng

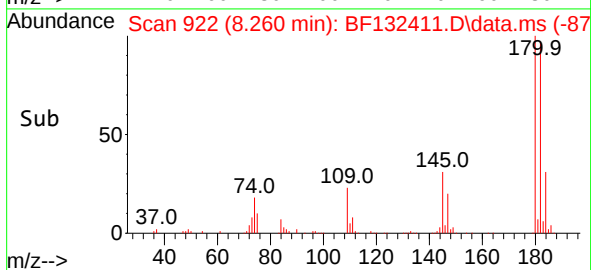
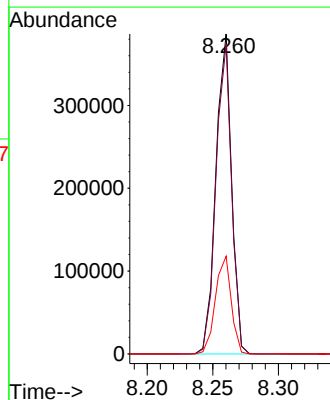
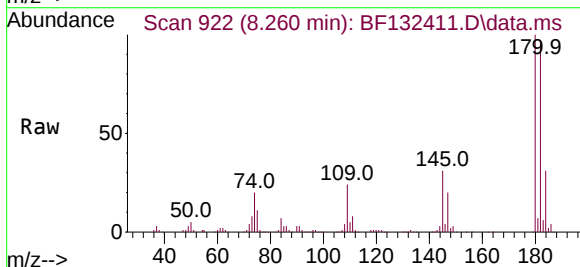
RT: 8.260 min Scan# 922

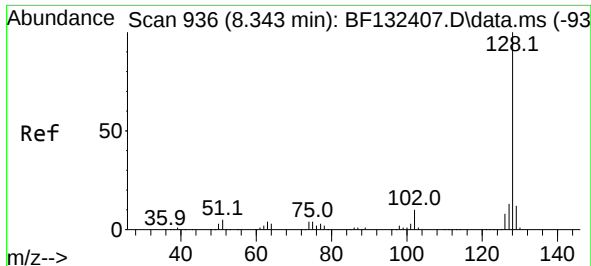
Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

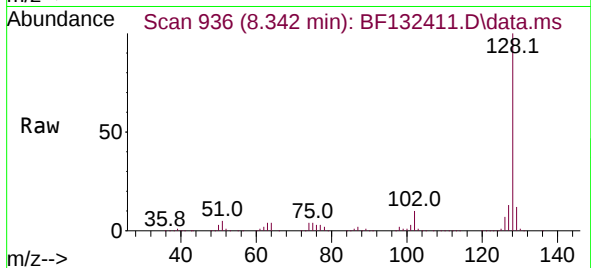
Tgt Ion:180	Resp: 322788
Ion Ratio	Lower Upper
180 100	
182 96.8	79.0 118.6
145 30.5	24.9 37.3





#31
Naphthalene
Concen: 39.114 ng
RT: 8.342 min Scan# 936
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

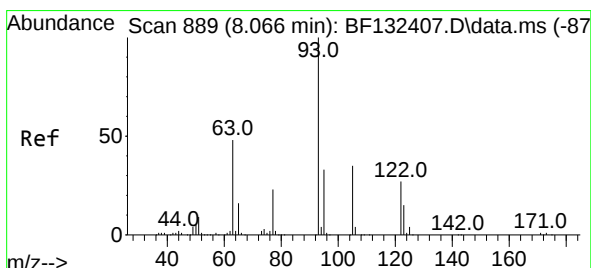
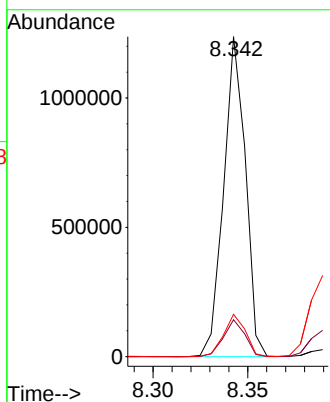
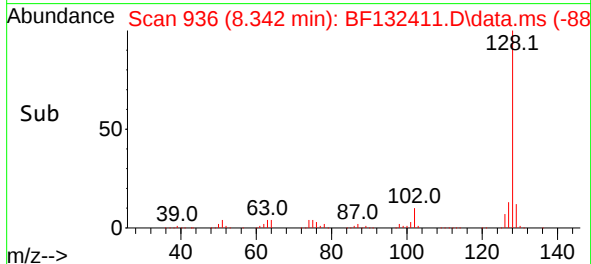
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



Tgt Ion:128 Resp: 988708
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.2 10.5 15.7

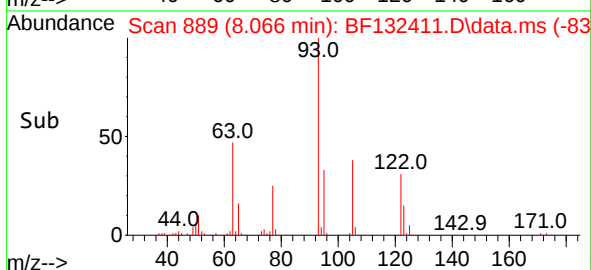
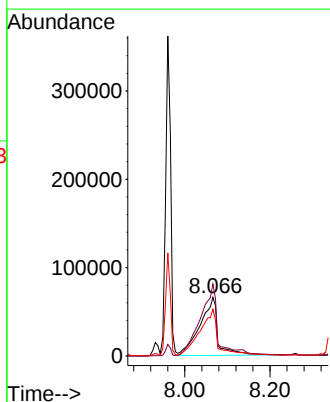
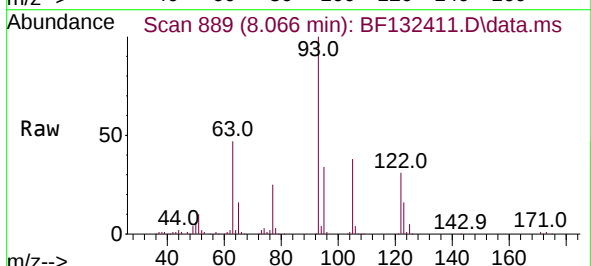
Manual Integrations
APPROVED

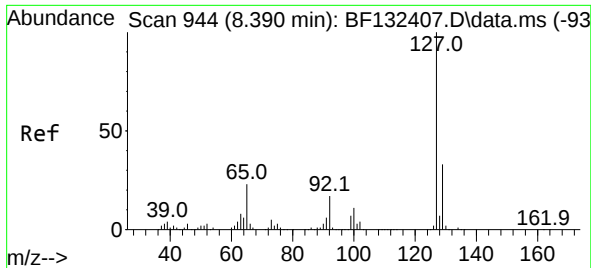
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#32
Benzoic acid
Concen: 51.820 ng
RT: 8.066 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion:122 Resp: 195753
Ion Ratio Lower Upper
122 100
105 122.9 101.9 141.9
77 79.7 61.1 101.1





#33
4-Chloroaniline
Concen: 33.971 ng
RT: 8.390 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

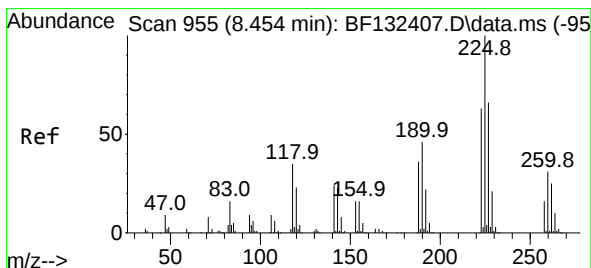
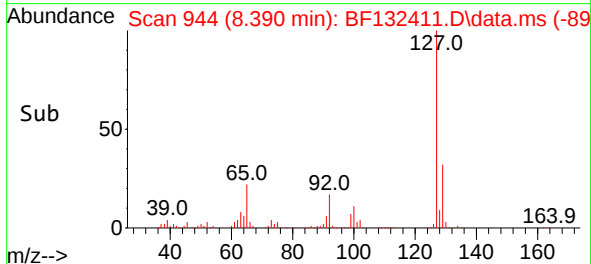
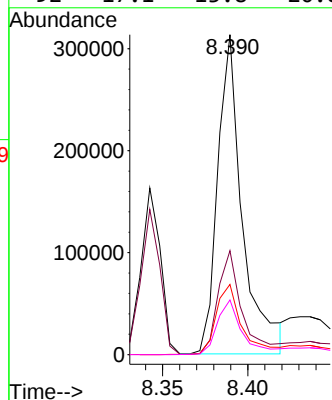
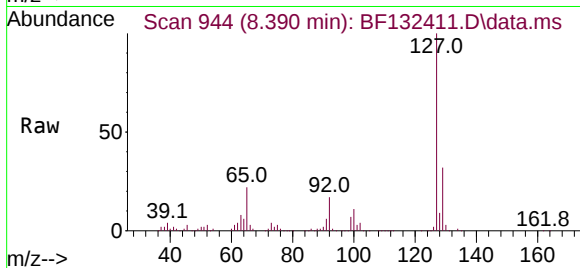
ICVBF021323

Tgt Ion:127 Resp: 315702
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 21.9 18.0 27.0
92 17.1 13.8 20.8

Manual Integrations

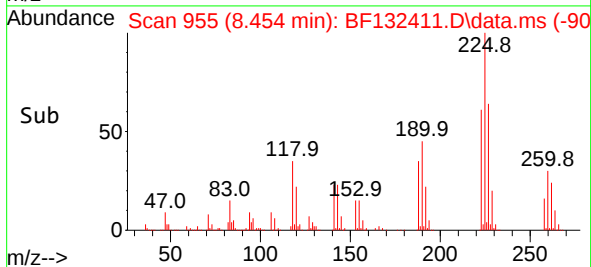
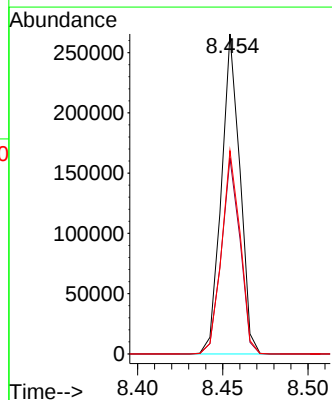
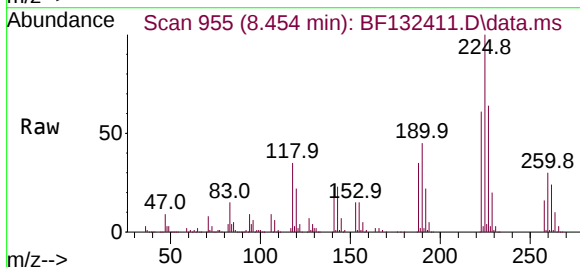
APPROVED

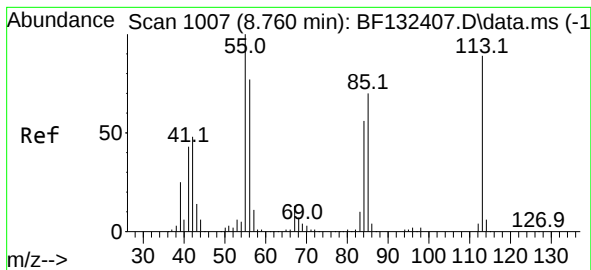
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#34
Hexachlorobutadiene
Concen: 38.704 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

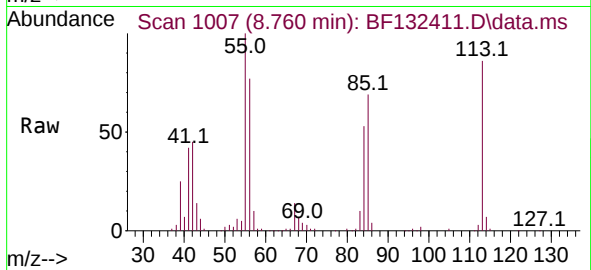
Tgt Ion:225 Resp: 199862
Ion Ratio Lower Upper
225 100
223 61.2 50.2 75.4
227 63.5 53.0 79.4





#35
 Caprolactam
 Concen: 42.427 ng
 RT: 8.760 min Scan# 1007
 Delta R.T. -0.000 min
 Lab File: BF132411.D
 Acq: 13 Feb 2023 15:41

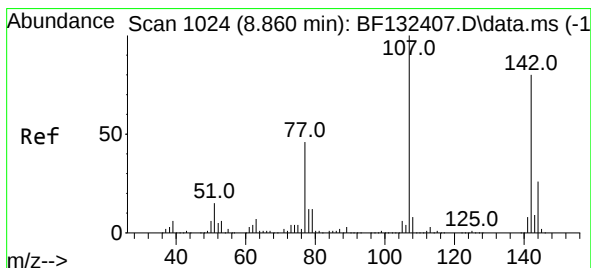
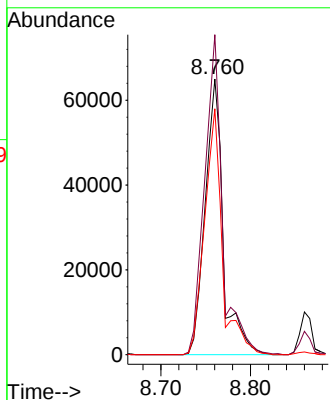
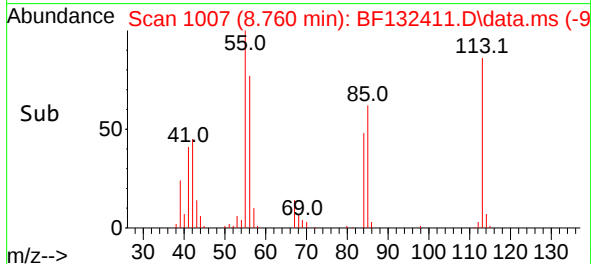
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021323



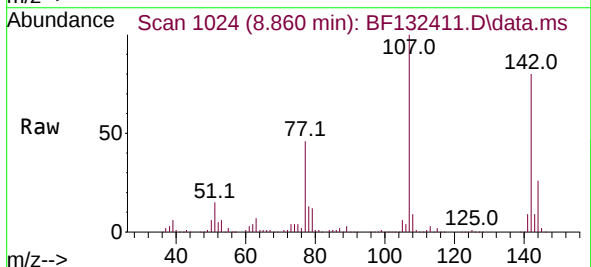
Tgt Ion:113 Resp: 90534
 Ion Ratio Lower Upper
 113 100
 55 116.1 92.5 132.5
 56 89.2 66.6 106.6

Manual Integrations
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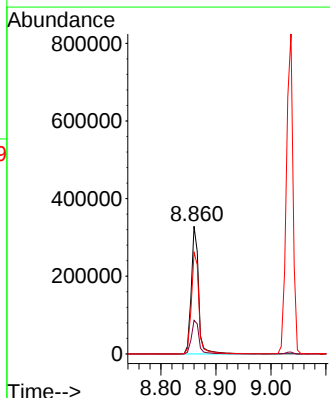
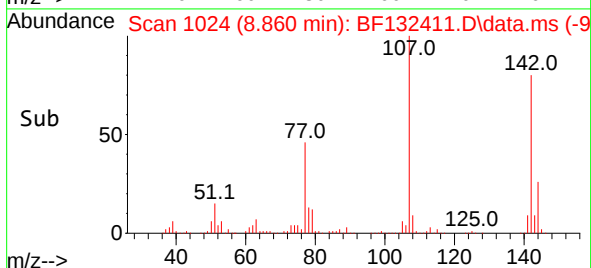
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

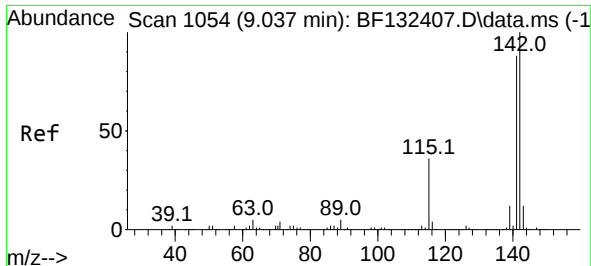


#36
 4-Chloro-3-methylphenol
 Concen: 39.710 ng
 RT: 8.860 min Scan# 1024
 Delta R.T. -0.000 min
 Lab File: BF132411.D
 Acq: 13 Feb 2023 15:41



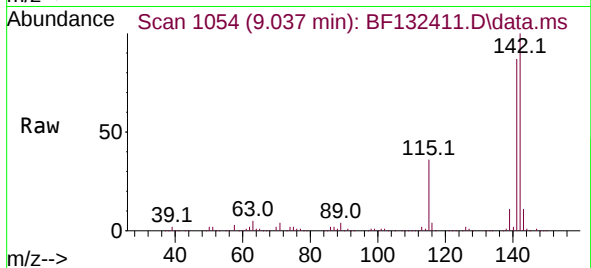
Tgt Ion:107 Resp: 304790
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.8 31.2
 142 79.5 63.9 95.9





#37
2-Methylnaphthalene
Concen: 35.042 ng
RT: 9.037 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

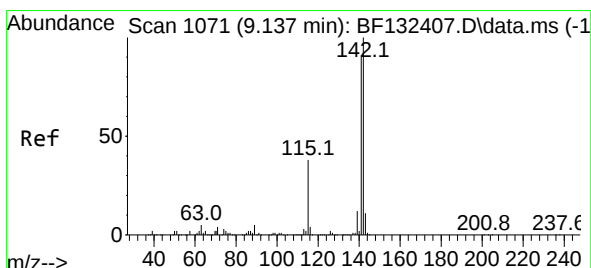
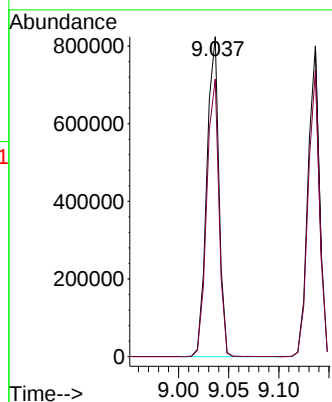
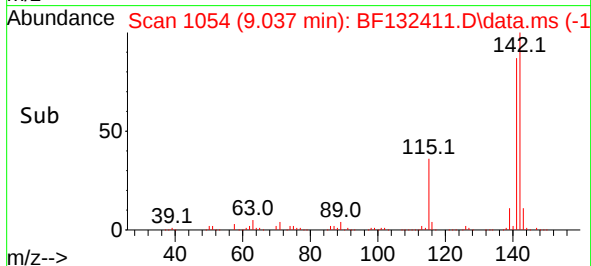
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



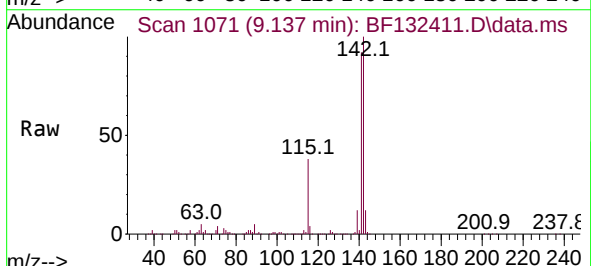
Tgt Ion:142 Resp: 691223
Ion Ratio Lower Upper
142 100
141 86.7 70.6 106.0

Manual Integrations
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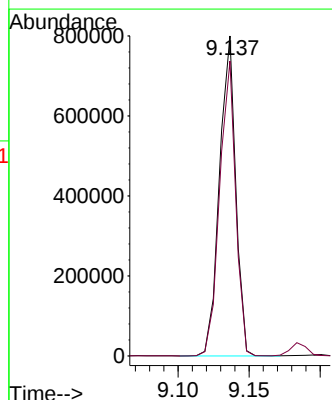
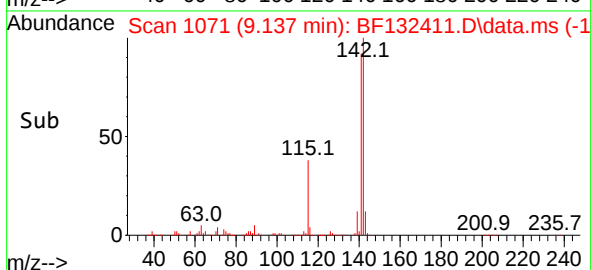
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

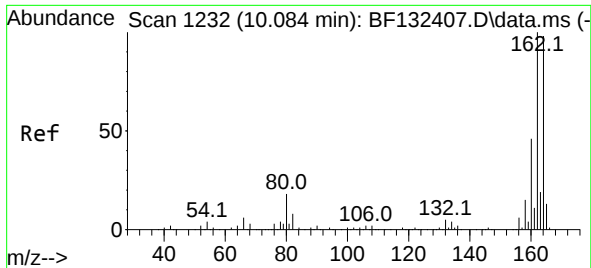


#38
1-Methylnaphthalene
Concen: 34.199 ng
RT: 9.137 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:142 Resp: 636697
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1





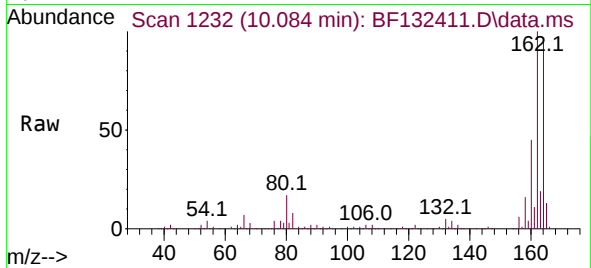
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.084 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

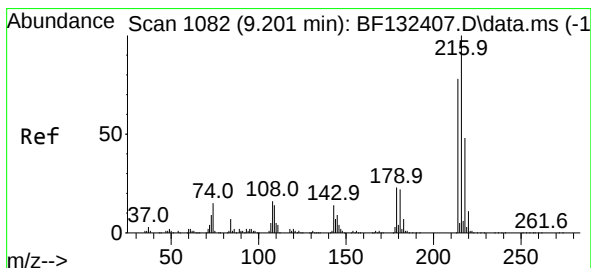
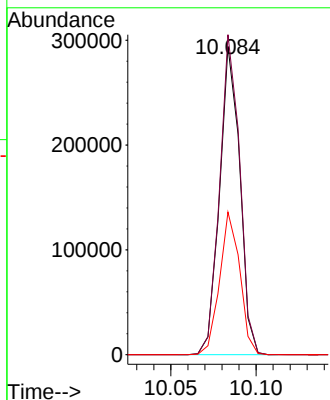
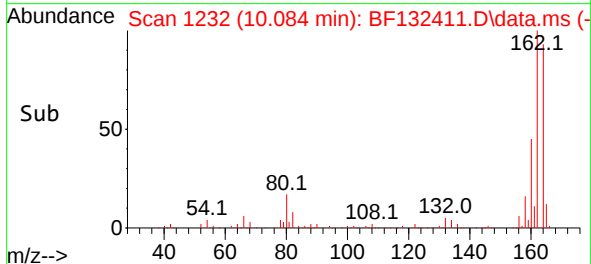


Tgt Ion:164 Resp: 242059
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 46.2 37.4 56.0

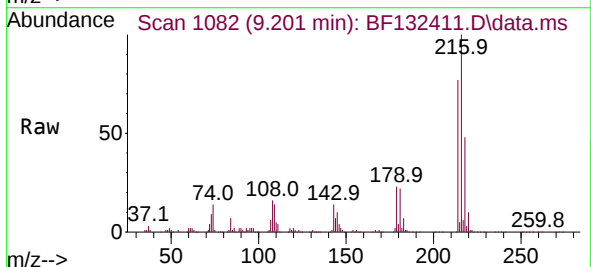
Manual Integrations

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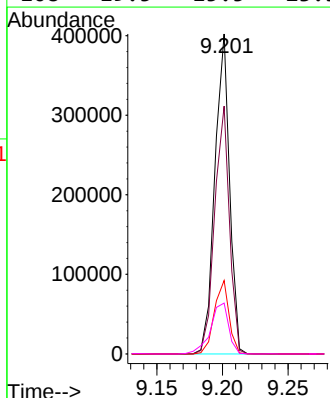
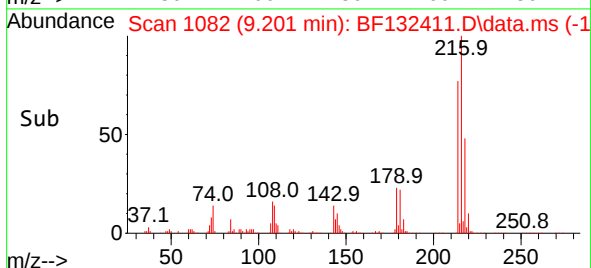
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

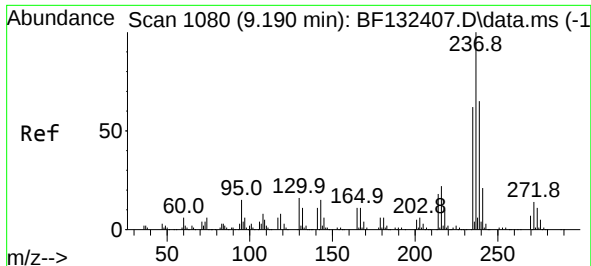


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.162 ng
RT: 9.201 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



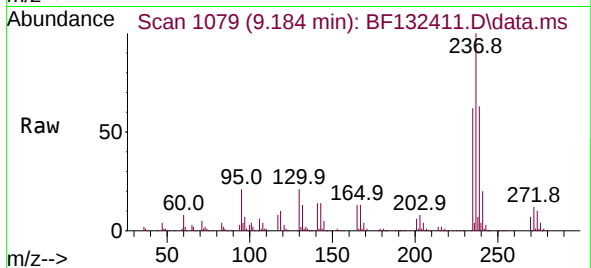
Tgt Ion:216 Resp: 314342
Ion Ratio Lower Upper
216 100
214 77.5 63.0 94.4
179 22.8 18.1 27.1
108 19.5 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 43.471 ng
RT: 9.184 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

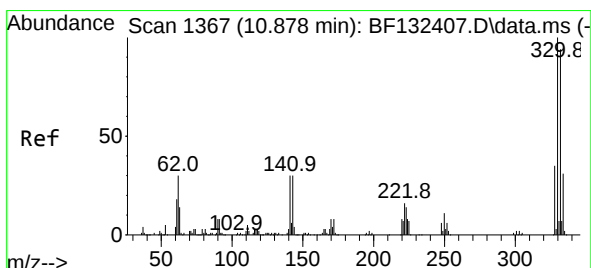
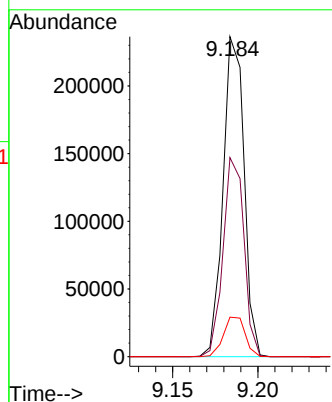
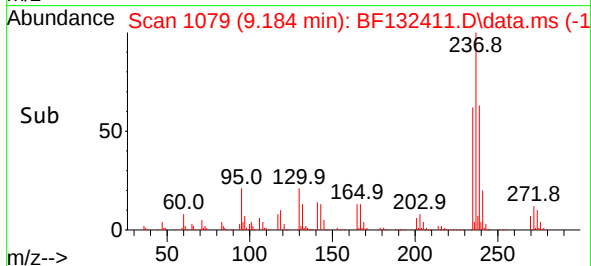
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



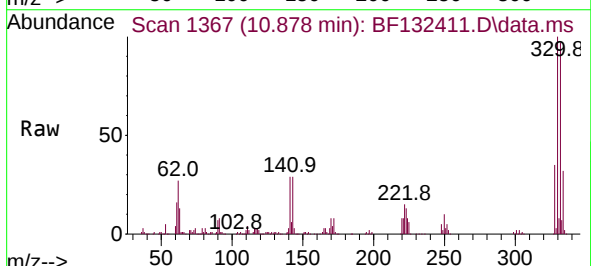
Tgt Ion: 237 Resp: 202116
Ion Ratio Lower Upper
237 100
235 62.2 42.4 82.4
272 12.3 0.0 33.8

Manual Integrations
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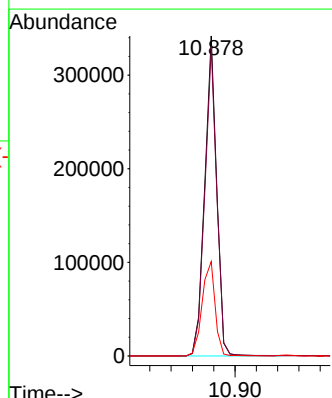
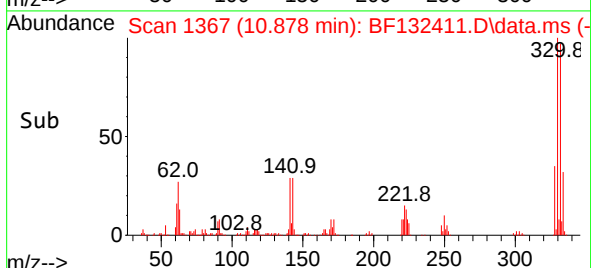
Reviewed By : Christian Giraldo 02/14/2023
Supervised By : Jagrut Upadhyay 02/14/2023

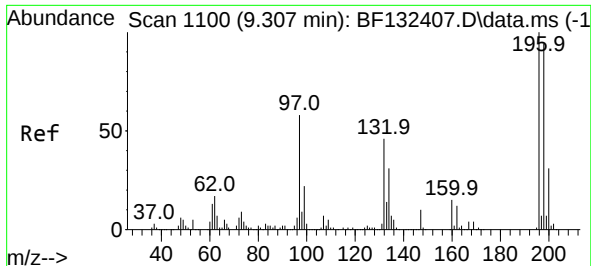


#42
2,4,6-Tribromophenol
Concen: 82.216 ng
RT: 10.878 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion: 330 Resp: 264834
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 32.0 25.4 38.2





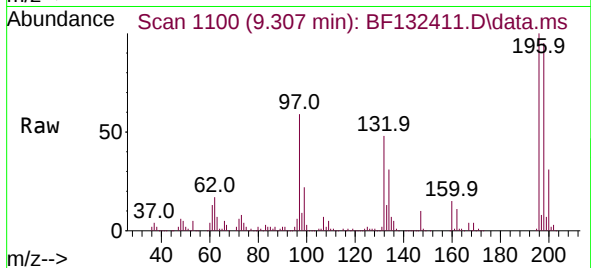
#43
2,4,6-Trichlorophenol
Concen: 41.593 ng
RT: 9.307 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

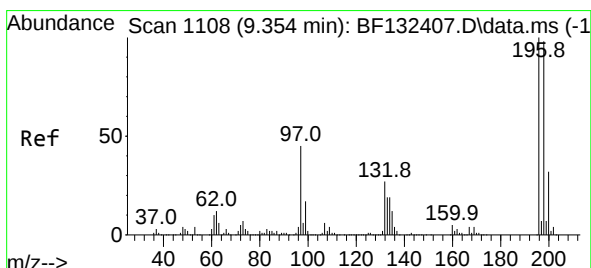
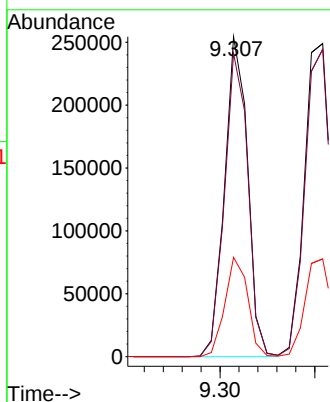
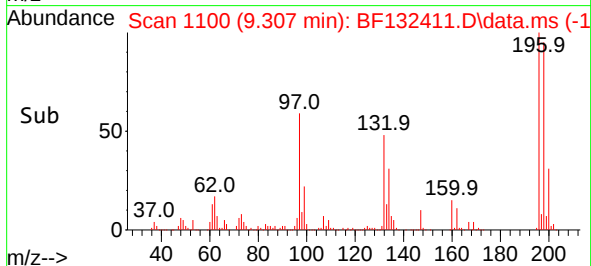


Tgt Ion:196 Resp: 215700
Ion Ratio Lower Upper
196 100
198 94.8 75.1 112.7
200 31.0 24.6 37.0

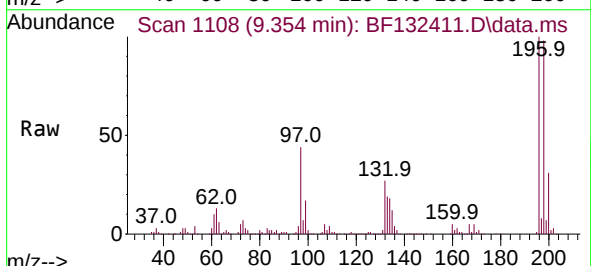
Manual Integrations

APPROVED

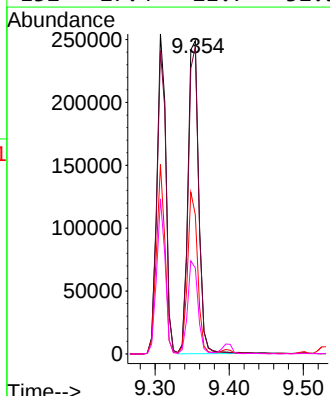
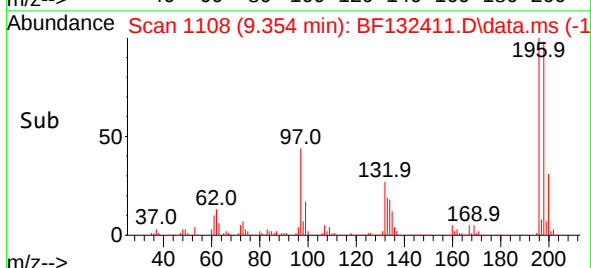
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

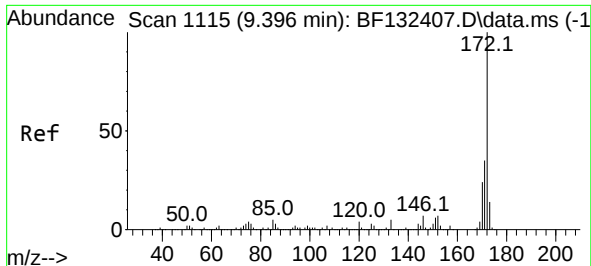


#44
2,4,5-Trichlorophenol
Concen: 42.134 ng
RT: 9.354 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:196 Resp: 250272
Ion Ratio Lower Upper
196 100
198 98.1 78.0 117.0
97 44.4 35.6 53.4
132 27.4 21.7 32.5





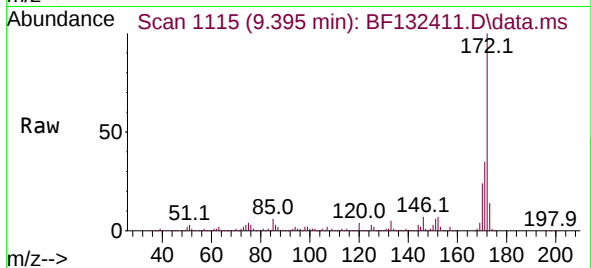
#45
2-Fluorobiphenyl
Concen: 77.490 ng
RT: 9.395 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

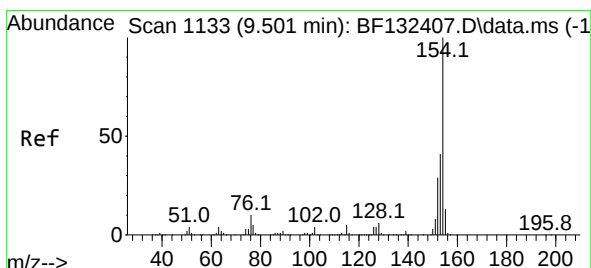
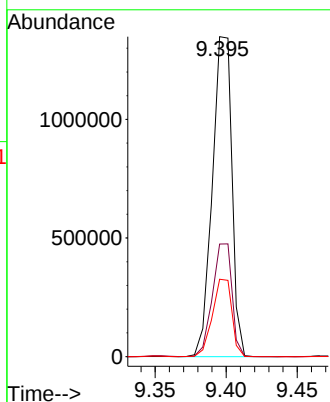
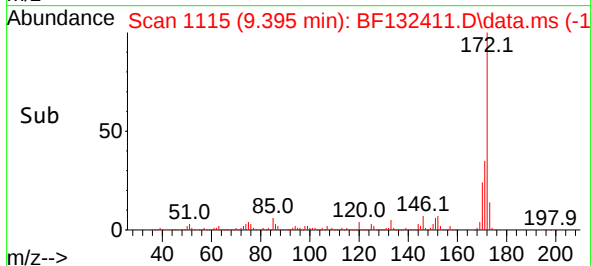


Tgt Ion:172 Resp: 1295665
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.2 19.3 28.9

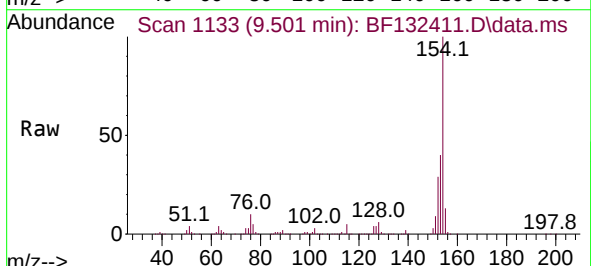
Manual Integrations

APPROVED

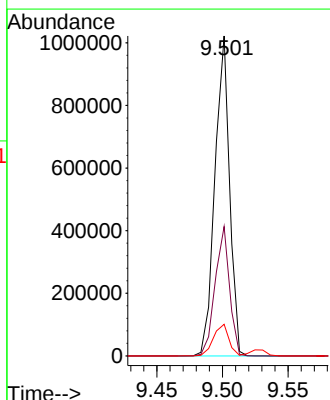
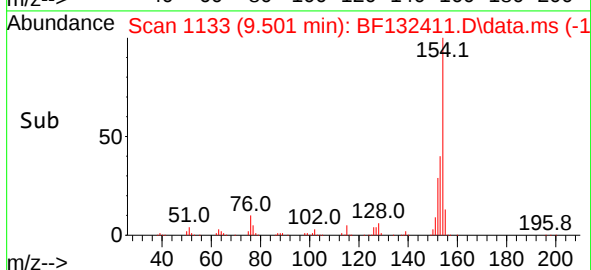
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

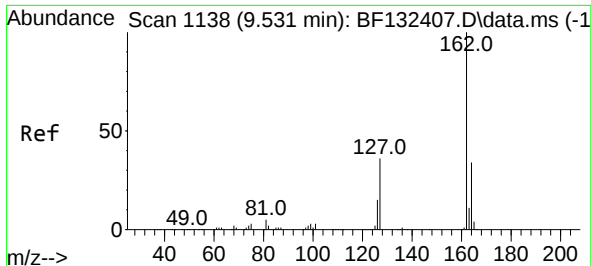


#46
1,1'-Biphenyl
Concen: 40.193 ng
RT: 9.501 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:154 Resp: 793527
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 9.9 0.0 29.8





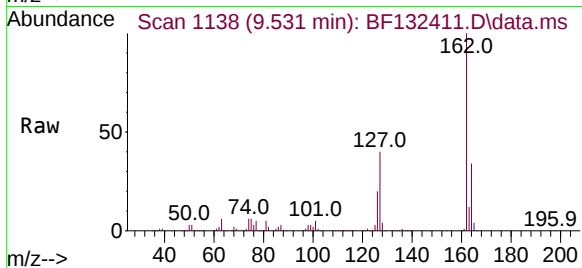
#47
2-Chloronaphthalene
Concen: 40.108 ng
RT: 9.531 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

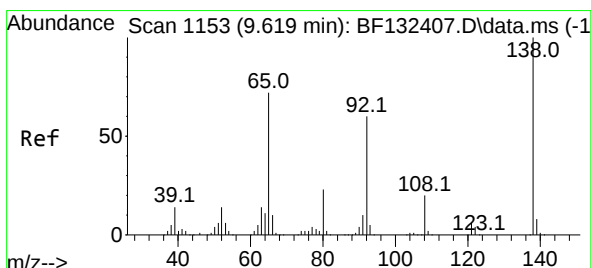
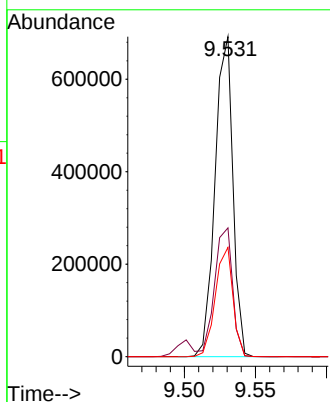
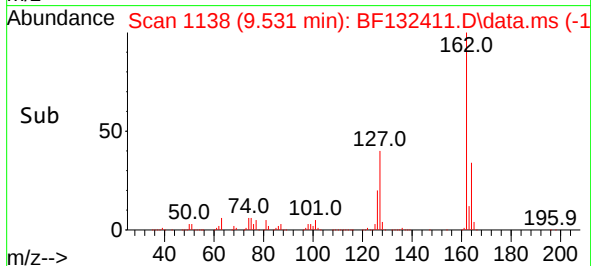
ICVBF021323



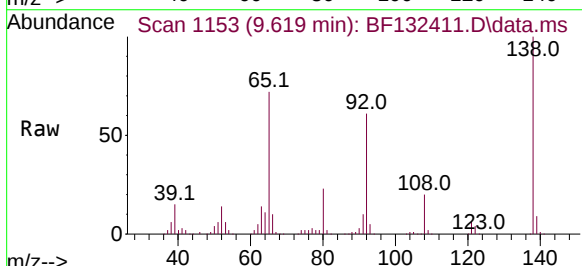
Tgt Ion:162 Resp: 605786
Ion Ratio Lower Upper
162 100
127 40.2 31.6 47.4
164 34.1 26.8 40.2

Manual Integrations
APPROVED

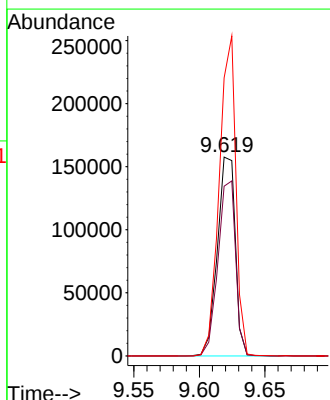
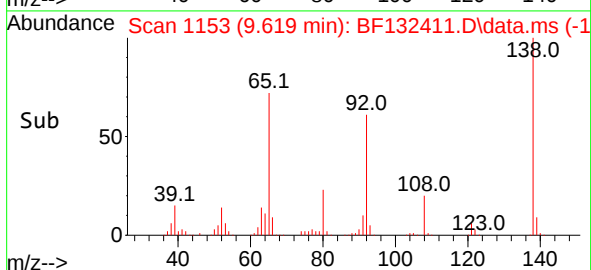
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

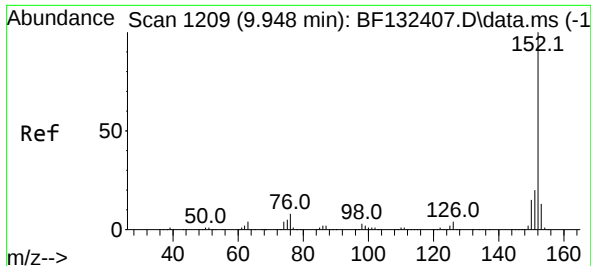


#48
2-Nitroaniline
Concen: 42.694 ng
RT: 9.619 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion: 65 Resp: 150482
Ion Ratio Lower Upper
65 100
92 85.3 67.2 100.8
138 139.8 111.2 166.8





#49

Acenaphthylene

Concen: 40.592 ng

RT: 9.948 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF132411.D

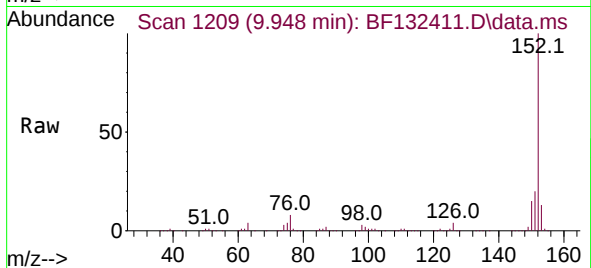
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323



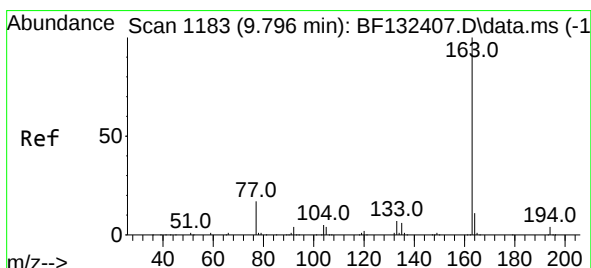
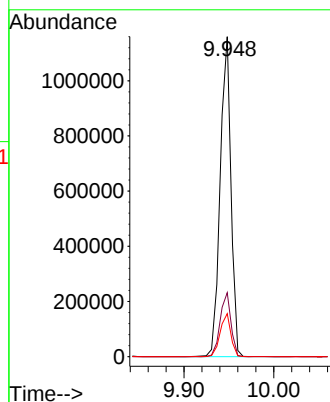
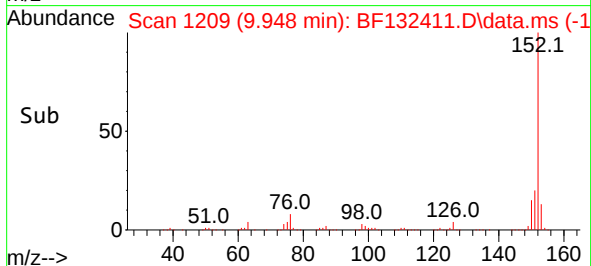
Tgt Ion:152 Resp: 974709

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.4	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#50

Dimethylphthalate

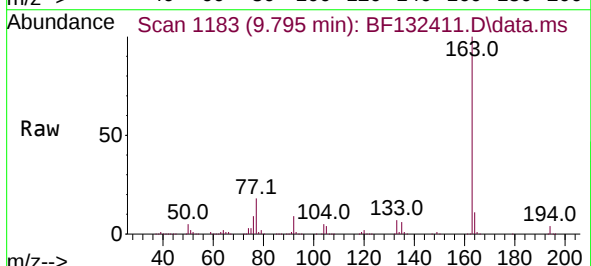
Concen: 40.639 ng

RT: 9.795 min Scan# 1183

Delta R.T. -0.000 min

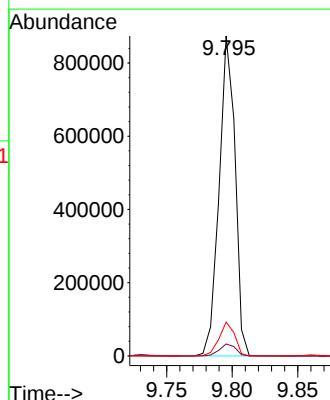
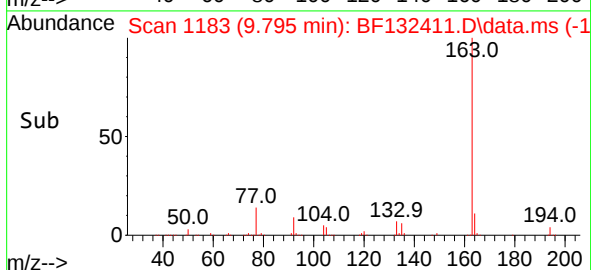
Lab File: BF132411.D

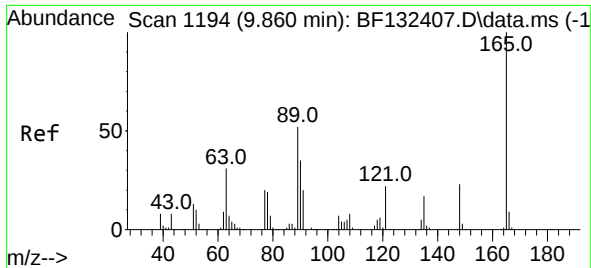
Acq: 13 Feb 2023 15:41



Tgt Ion:163 Resp: 740910

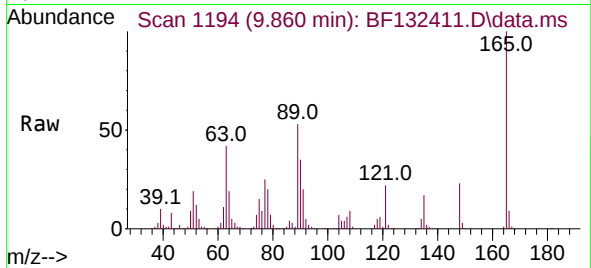
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.6	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 41.922 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

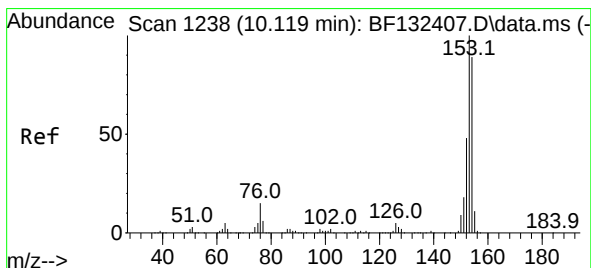
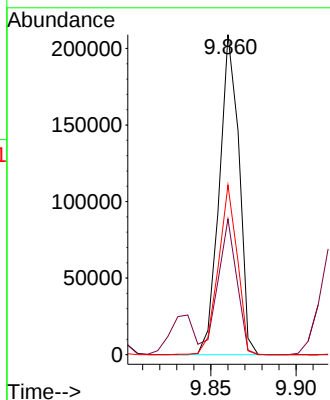
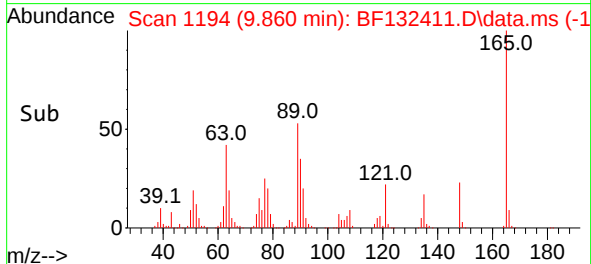
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



Tgt Ion:165 Resp: 167675
Ion Ratio Lower Upper
165 100
63 42.4 34.0 51.0
89 53.0 41.8 62.6

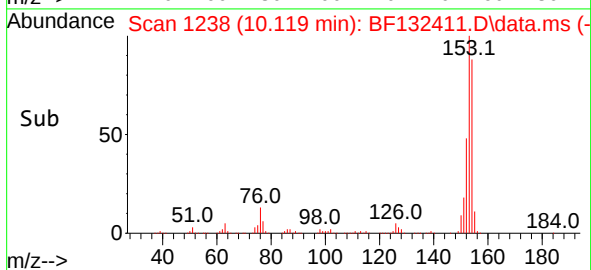
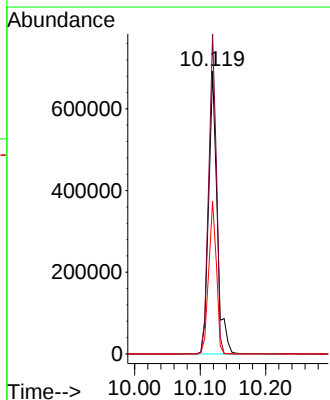
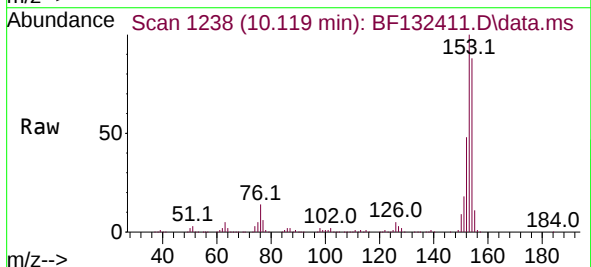
Manual Integrations
APPROVED

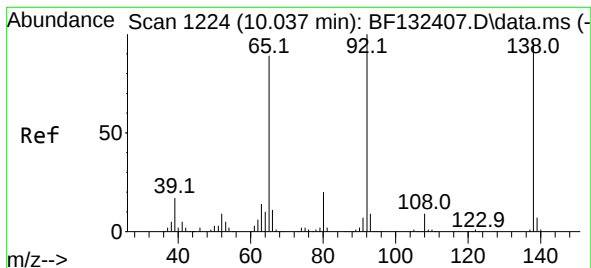
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#52
Acenaphthene
Concen: 40.565 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion:154 Resp: 627665
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.6
152 54.1 42.7 64.1





#53
3-Nitroaniline
Concen: 42.075 ng
RT: 10.036 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

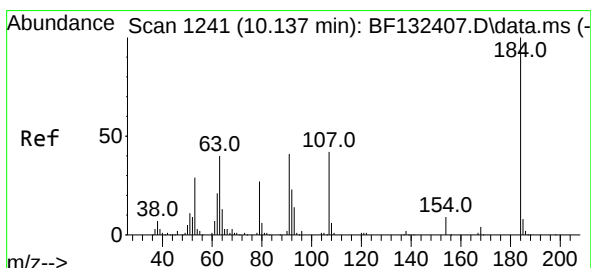
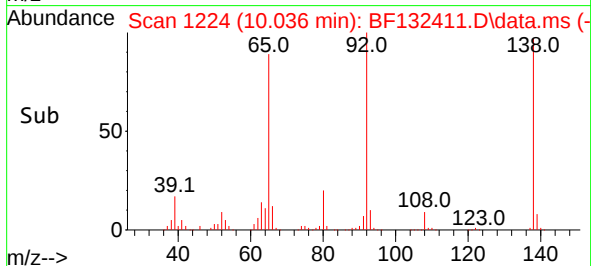
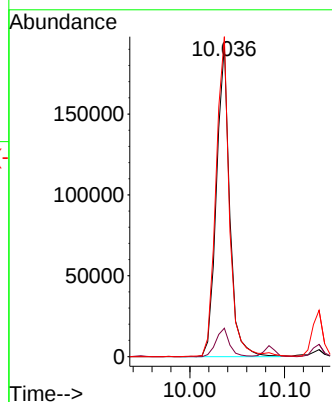
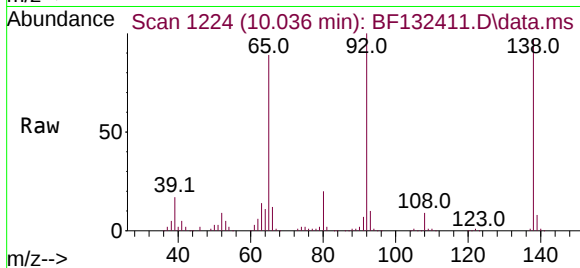
ClientSampleId :

ICVBF021323

Tgt Ion:138 Resp: 187189
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.2
92 102.7 83.7 125.5

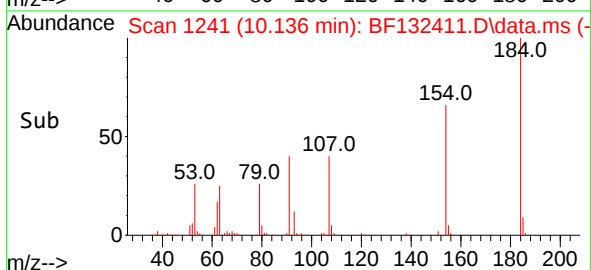
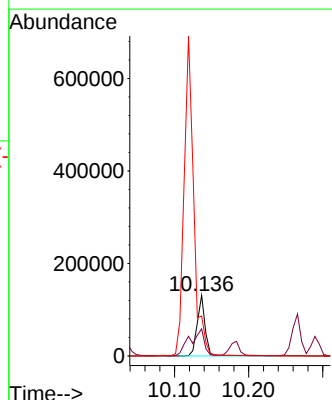
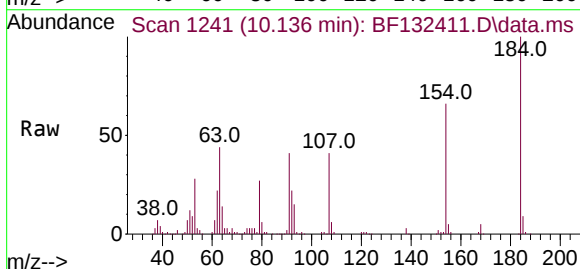
Manual Integrations
APPROVED

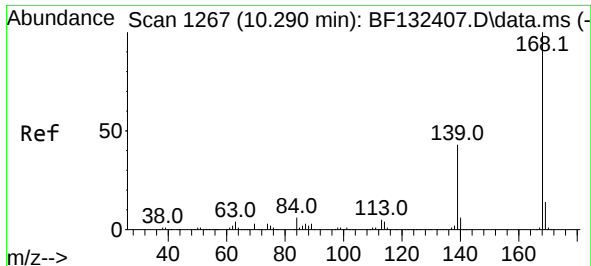
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#54
2,4-Dinitrophenol
Concen: 44.396 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.001 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

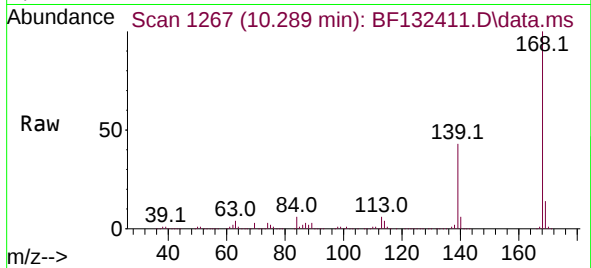
Tgt Ion:184 Resp: 98732
Ion Ratio Lower Upper
184 100
63 44.5 36.2 54.2
154 65.8 51.4 77.0





#55
Dibenzenofuran
Concen: 40.416 ng
RT: 10.289 min Scan# 1267
Delta R.T. -0.001 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

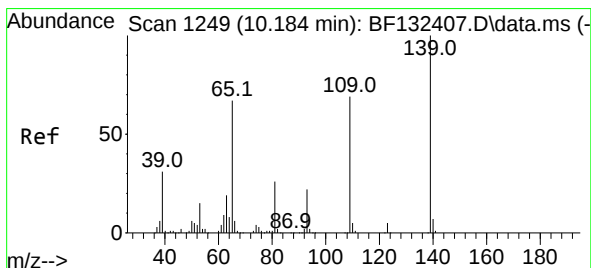
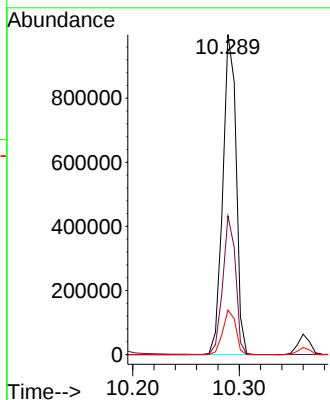
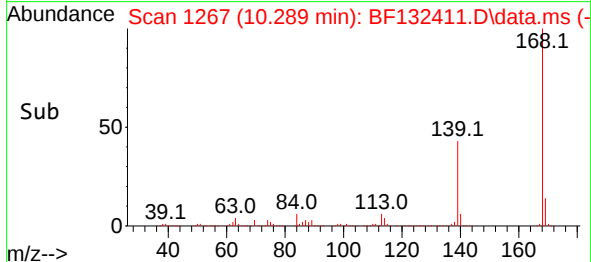
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



Tgt Ion:168 Resp: 871055
Ion Ratio Lower Upper
168 100
139 43.3 34.6 52.0
169 13.9 11.2 16.8

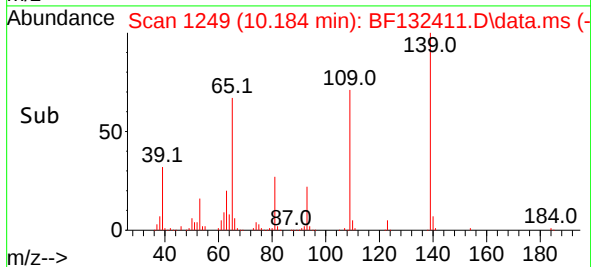
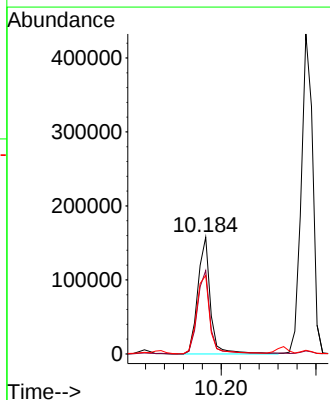
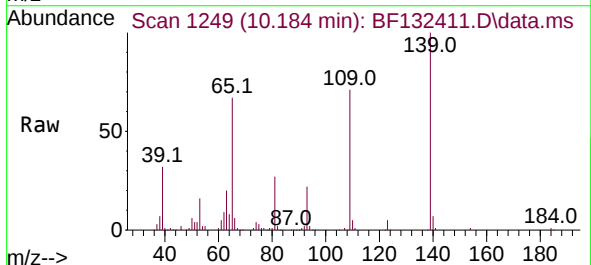
Manual Integrations
APPROVED

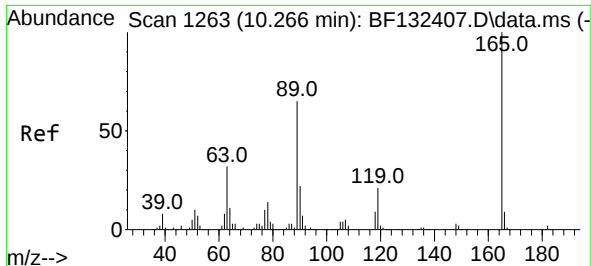
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#56
4-Nitrophenol
Concen: 43.770 ng
RT: 10.184 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion:139 Resp: 145146
Ion Ratio Lower Upper
139 100
109 71.4 49.4 89.4
65 67.3 47.6 87.6





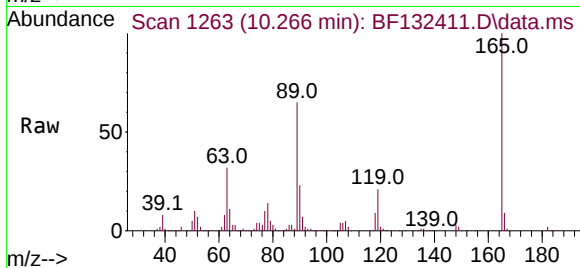
#57
2,4-Dinitrotoluene
Concen: 42.705 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

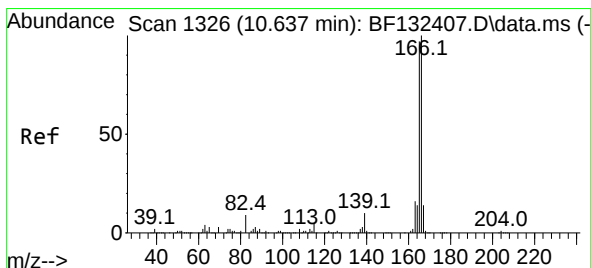
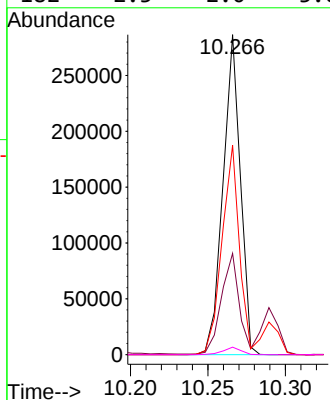
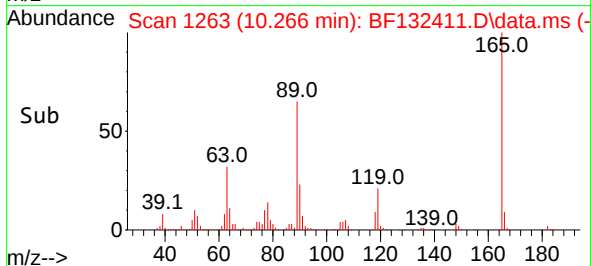


Tgt Ion:165 Resp: 224394
Ion Ratio Lower Upper
165 100
63 31.6 25.4 38.2
89 65.4 52.2 78.2
182 2.3 2.0 3.0

Manual Integrations

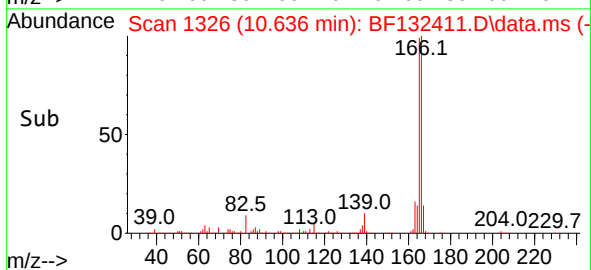
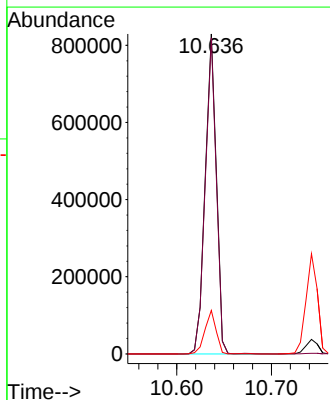
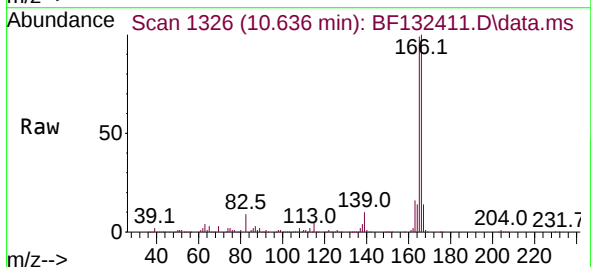
APPROVED

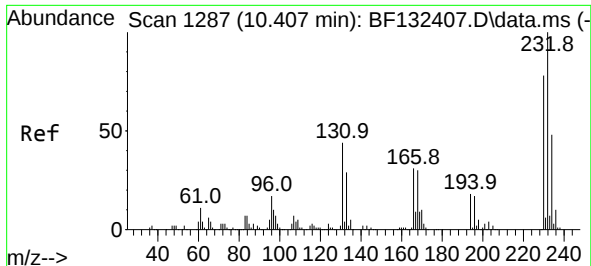
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#58
Fluorene
Concen: 40.665 ng
RT: 10.636 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion:166 Resp: 681424
Ion Ratio Lower Upper
166 100
165 98.8 77.5 116.3
167 13.6 10.9 16.3





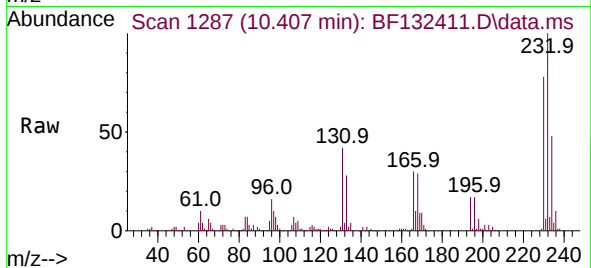
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.765 ng
RT: 10.407 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

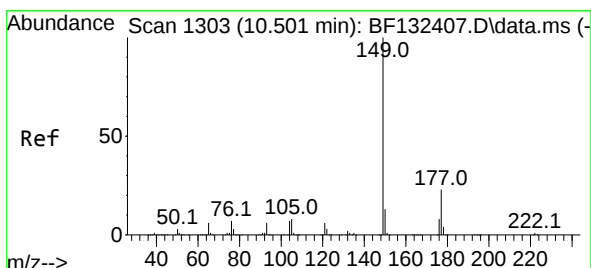
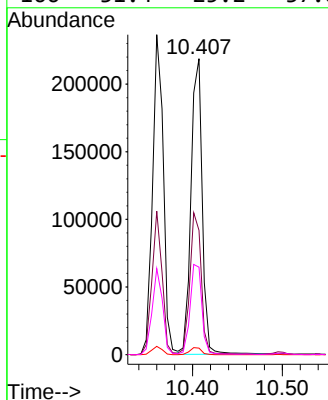
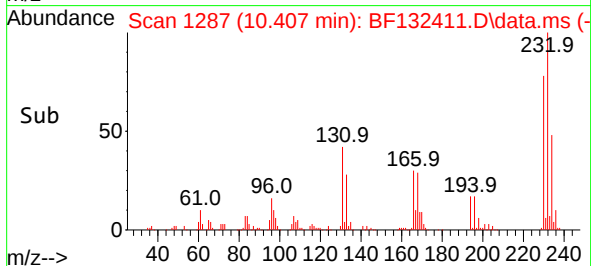


Tgt Ion:232 Resp: 190409
Ion Ratio Lower Upper
232 100
131 48.3 37.9 56.9
130 2.4 1.9 2.9
166 31.4 25.2 37.8

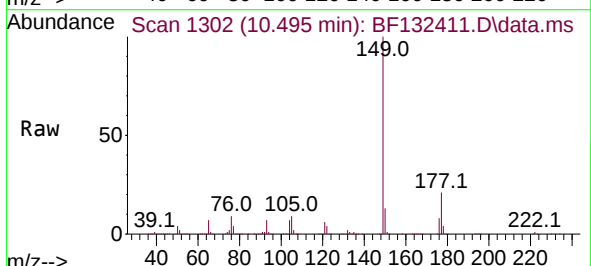
Manual Integrations

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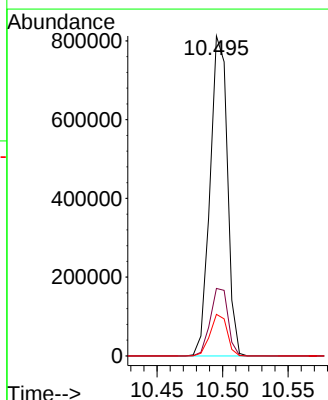
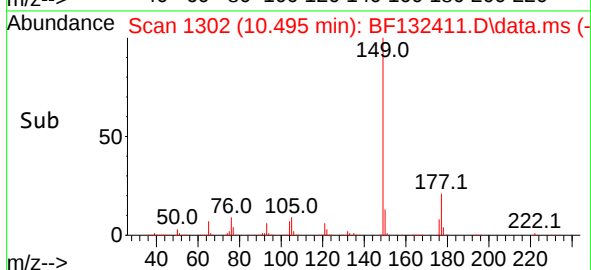
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

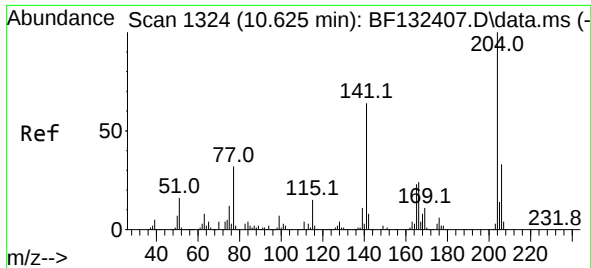


#60
Diethylphthalate
Concen: 40.834 ng
RT: 10.495 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



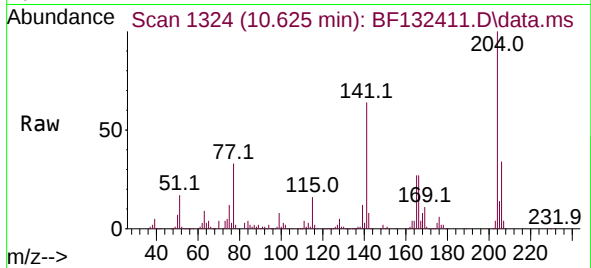
Tgt Ion:149 Resp: 745286
Ion Ratio Lower Upper
149 100
177 21.1 18.1 27.1
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.243 ng
RT: 10.625 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

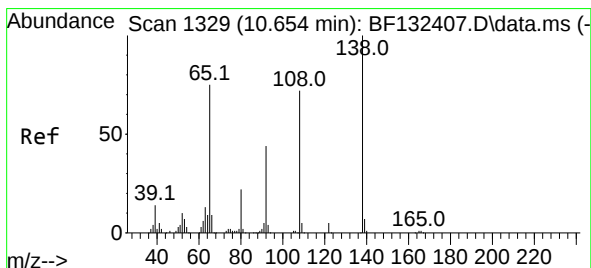
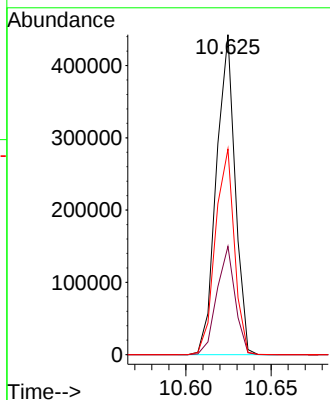
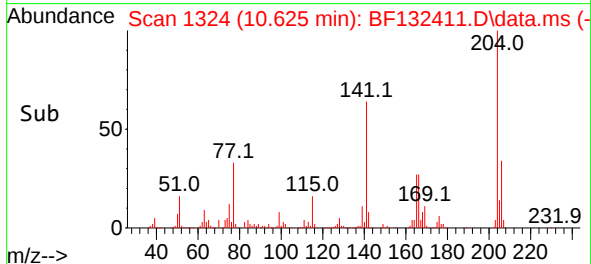
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



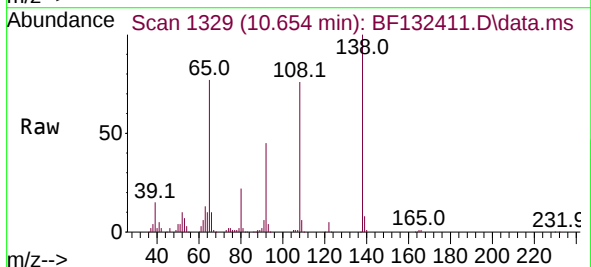
Tgt Ion:204 Resp: 338786
Ion Ratio Lower Upper
204 100
206 33.8 26.3 39.5
141 64.2 50.9 76.3

Manual Integrations
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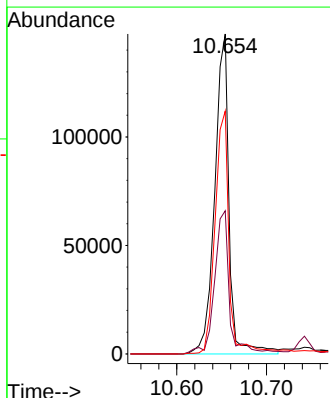
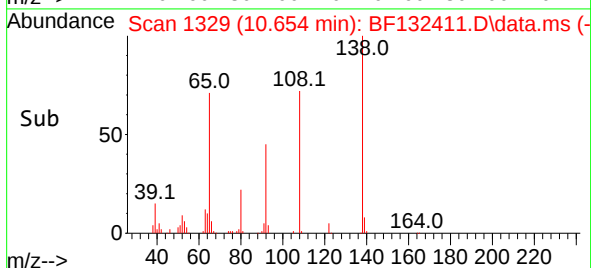
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

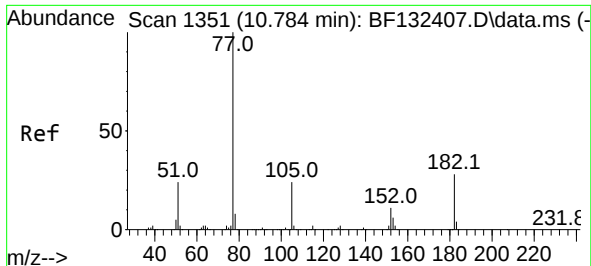


#62
4-Nitroaniline
Concen: 40.442 ng
RT: 10.654 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:138 Resp: 164770
Ion Ratio Lower Upper
138 100
92 44.7 24.3 64.3
108 75.9 52.4 92.4





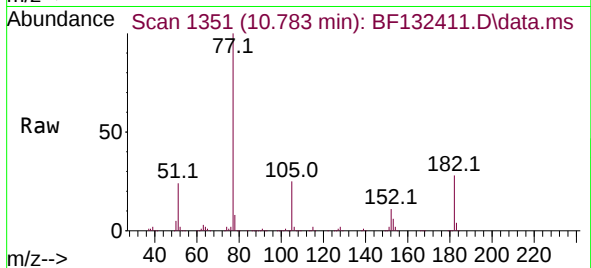
#63
Azobenzene
Concen: 41.103 ng
RT: 10.783 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

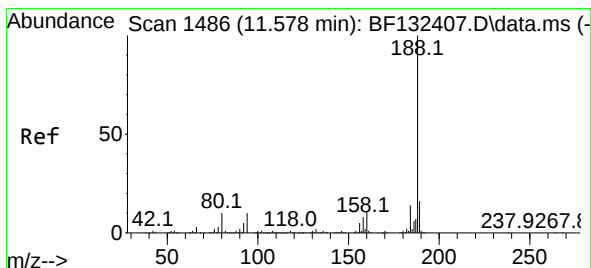
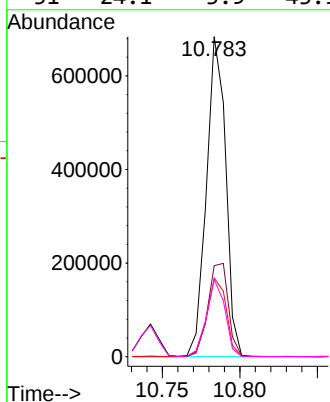
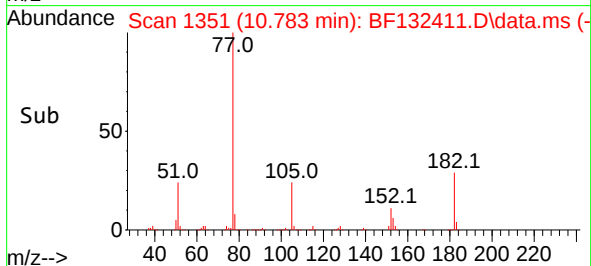


Tgt Ion: 77 Resp: 592080
Ion Ratio Lower Upper
77 100
182 28.4 8.3 48.3
105 24.5 3.9 43.9
51 24.1 3.9 43.9

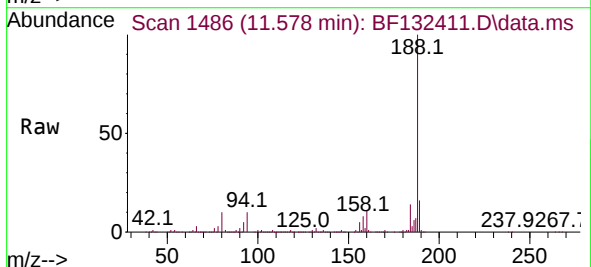
Manual Integrations

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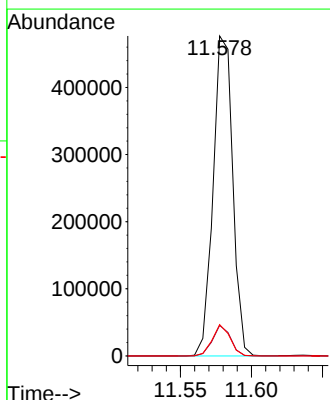
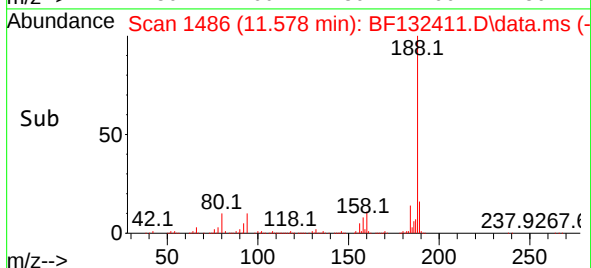
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

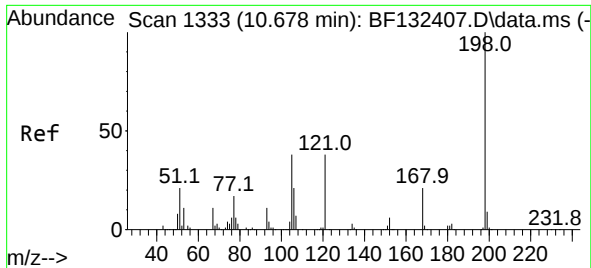


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.578 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:188 Resp: 458982
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 9.8 7.6 11.4





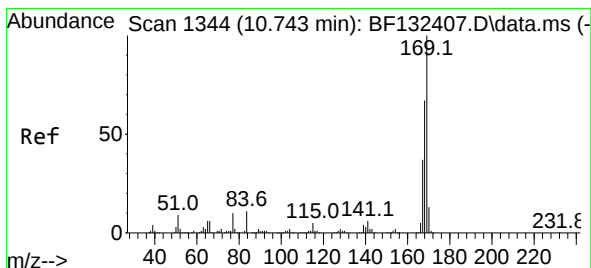
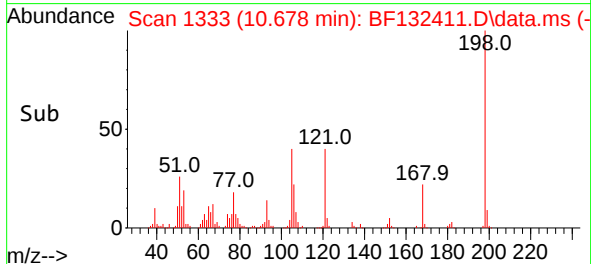
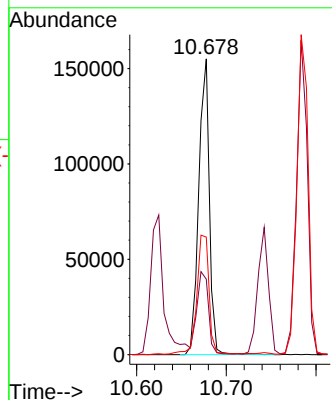
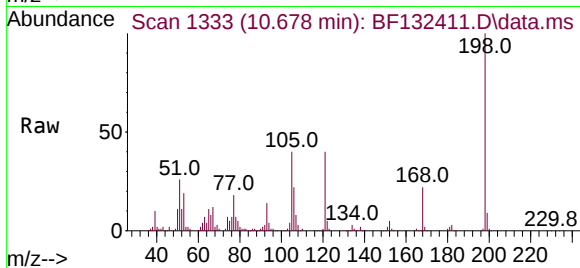
#65
4,6-Dinitro-2-methylphenol
Concen: 44.759 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :
BNA_F
ClientSampleId :
ICVBF021323

Tgt Ion:198 Resp: 127718
Ion Ratio Lower Upper
198 100
51 25.5 4.6 44.6
105 39.7 19.3 59.3

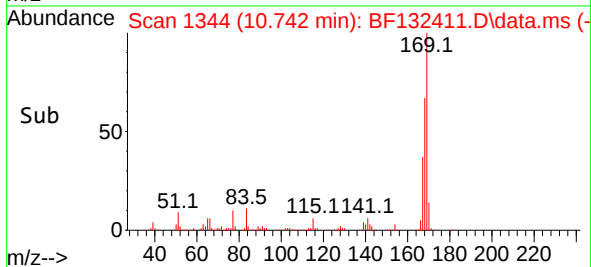
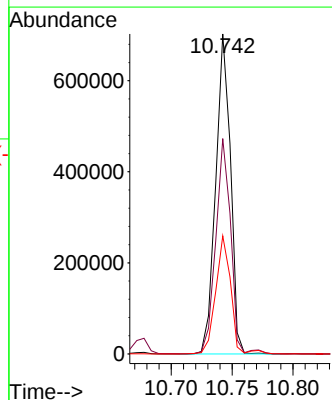
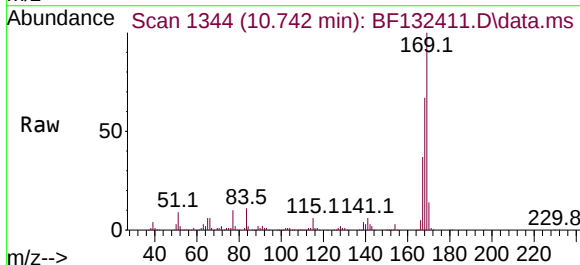
Manual Integrations
APPROVED

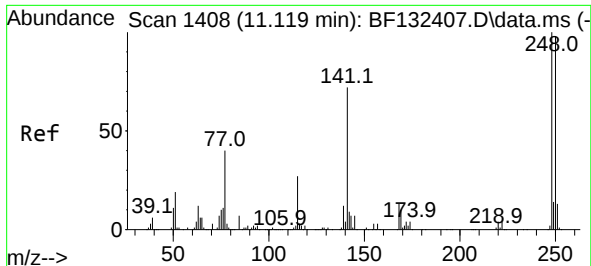
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#66
n-Nitrosodiphenylamine
Concen: 40.035 ng
RT: 10.742 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion:169 Resp: 593205
Ion Ratio Lower Upper
169 100
168 67.3 53.5 80.3
167 36.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 40.511 ng
RT: 11.119 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

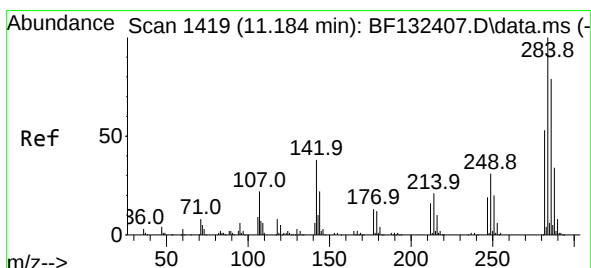
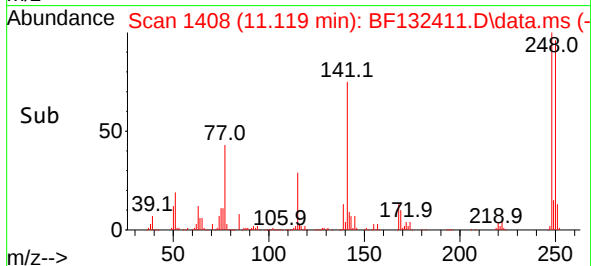
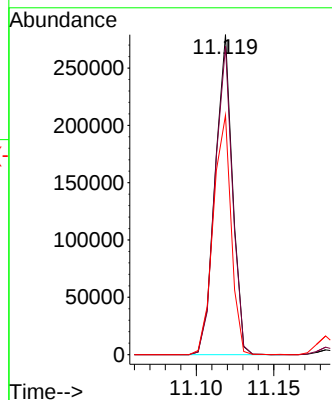
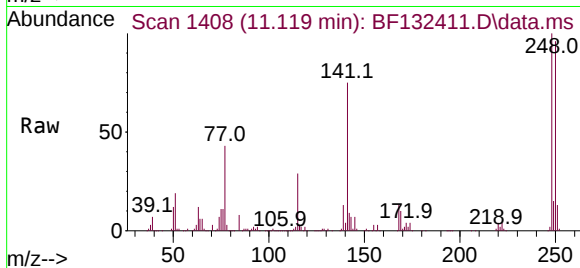
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Tgt Ion:248 Resp: 217020
Ion Ratio Lower Upper
248 100
250 96.4 78.1 117.1
141 74.8 57.9 86.9

Manual Integrations

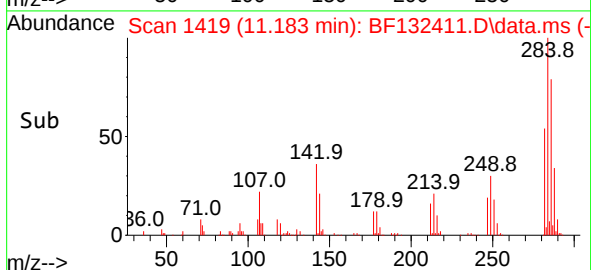
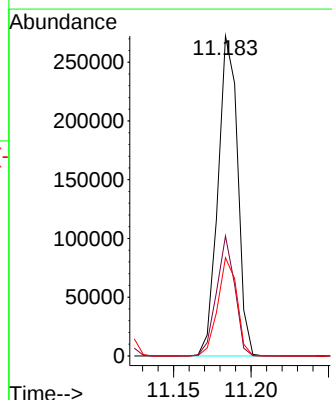
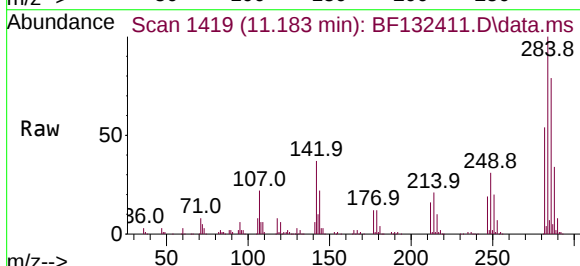
APPROVED

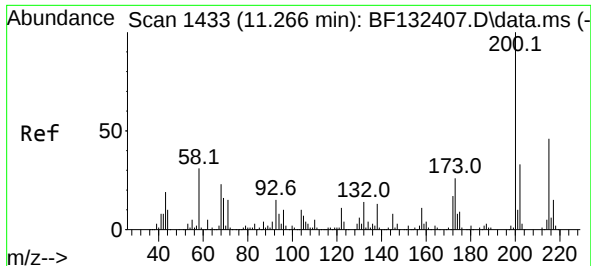
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#68
Hexachlorobenzene
Concen: 40.481 ng
RT: 11.183 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

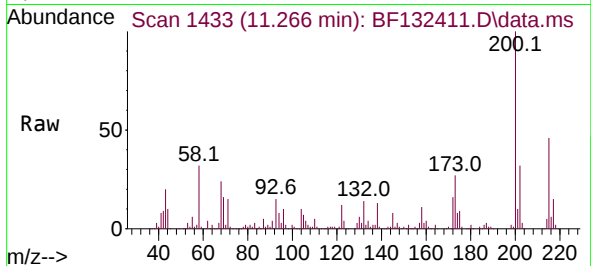
Tgt Ion:284 Resp: 239863
Ion Ratio Lower Upper
284 100
142 37.5 30.1 45.1
249 30.7 25.0 37.4





#69
Atrazine
Concen: 43.545 ng
RT: 11.266 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

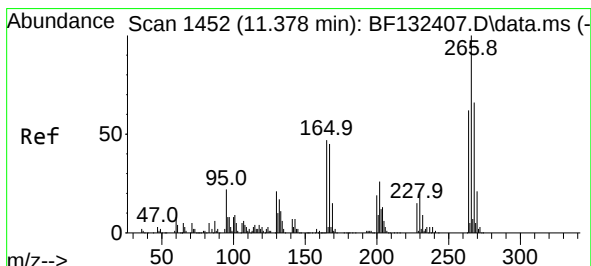
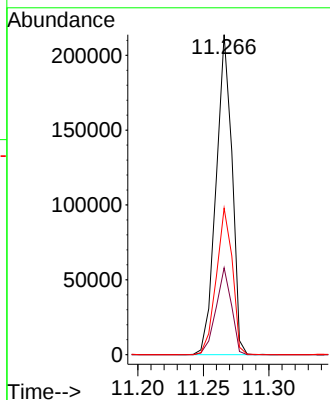
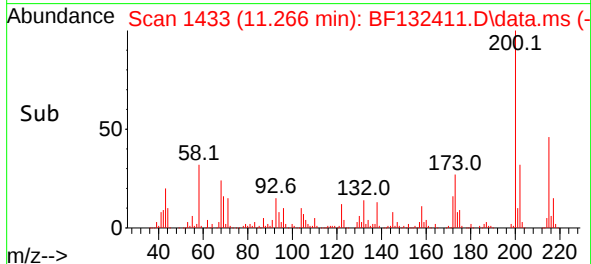
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



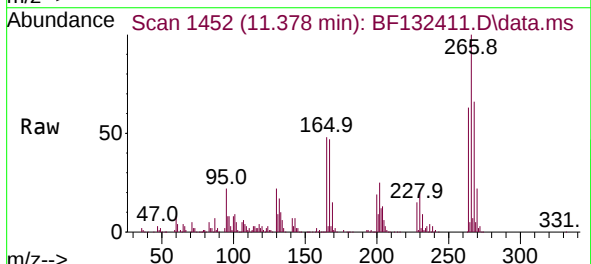
Tgt Ion:200 Resp: 180914
Ion Ratio Lower Upper
200 100
173 27.1 6.3 46.3
215 45.8 26.1 66.1

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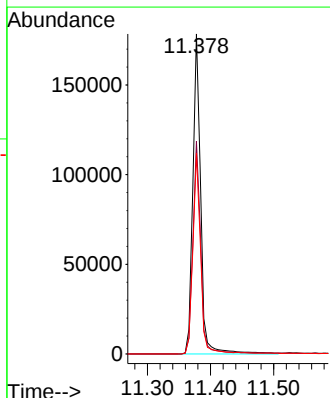
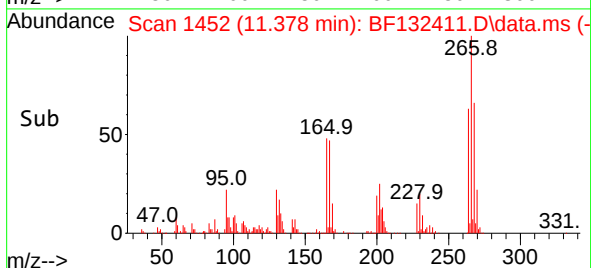
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

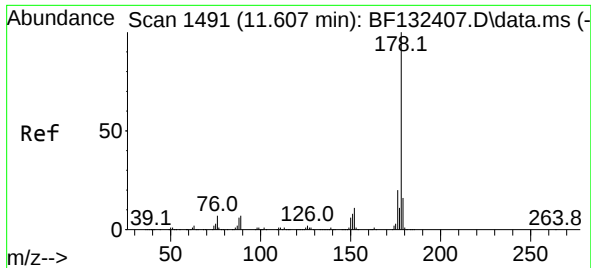


#70
Pentachlorophenol
Concen: 43.706 ng
RT: 11.378 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:266 Resp: 154945
Ion Ratio Lower Upper
266 100
268 66.5 53.0 79.4
264 62.7 49.6 74.4





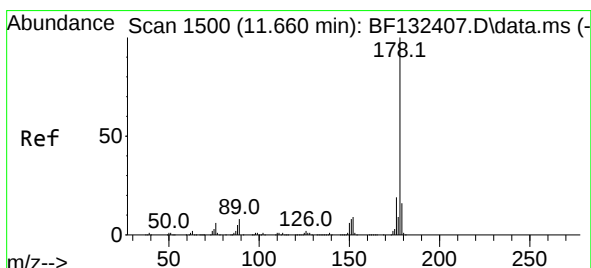
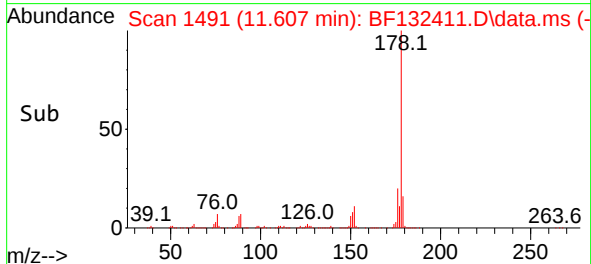
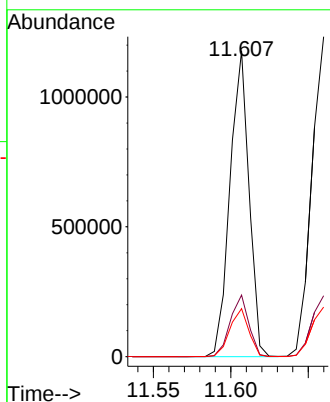
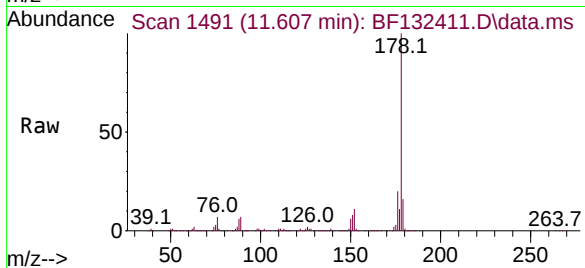
#71
Phenanthrene
Concen: 40.208 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :
BNA_F
ClientSampleId :
ICVBF021323

Tgt Ion:178 Resp: 1006150
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 15.7 12.6 19.0

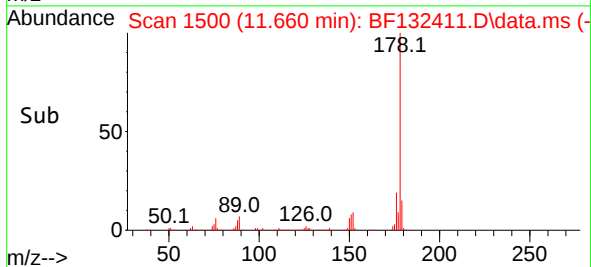
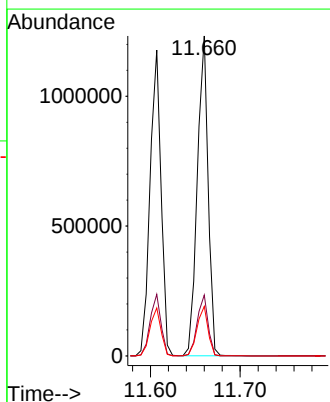
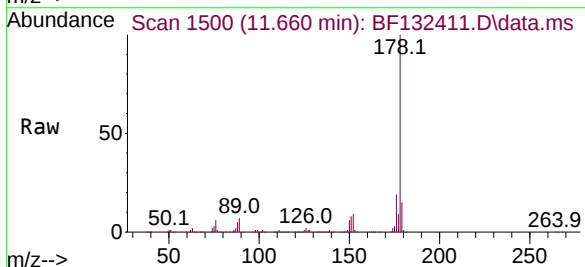
Manual Integrations
APPROVED

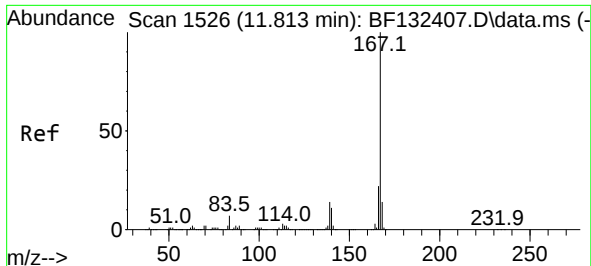
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#72
Anthracene
Concen: 40.335 ng
RT: 11.660 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

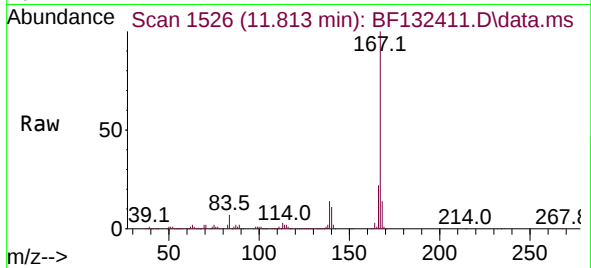
Tgt Ion:178 Resp: 1033707
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 40.328 ng
 RT: 11.813 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BF132411.D
 Acq: 13 Feb 2023 15:41

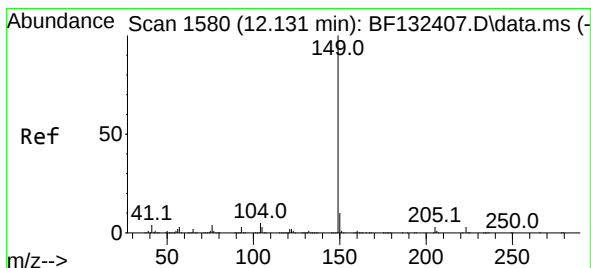
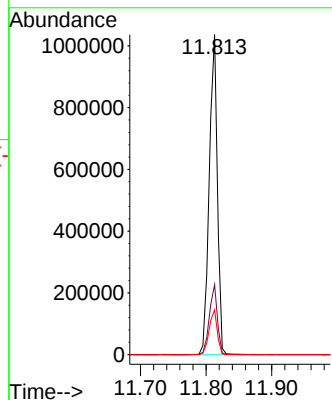
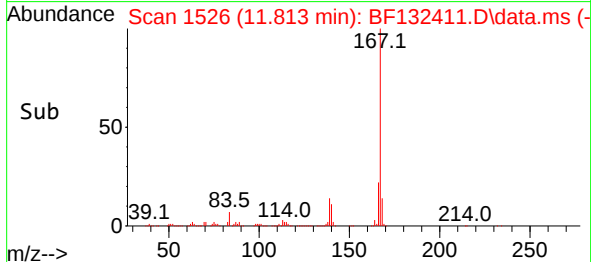
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021323



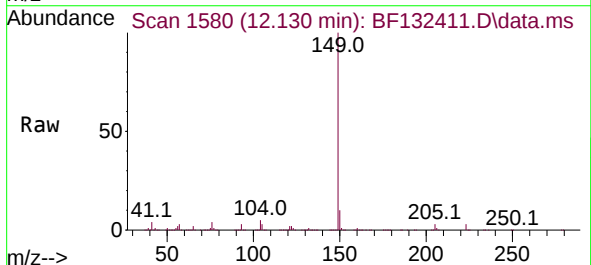
Tgt Ion:167 Resp: 886933
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.0 11.3 16.9

Manual Integrations
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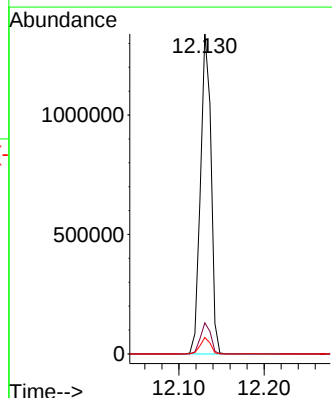
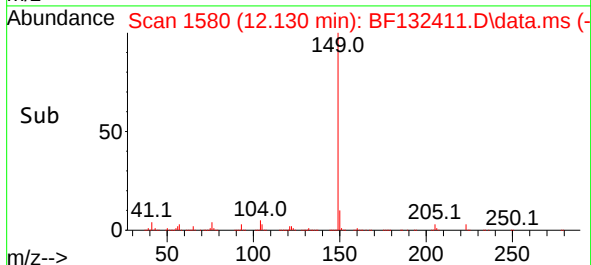
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

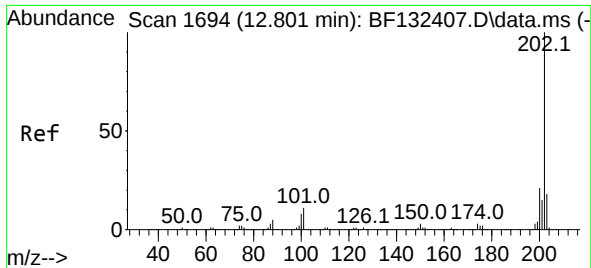


#74
 Di-n-butylphthalate
 Concen: 41.483 ng
 RT: 12.130 min Scan# 1580
 Delta R.T. -0.000 min
 Lab File: BF132411.D
 Acq: 13 Feb 2023 15:41



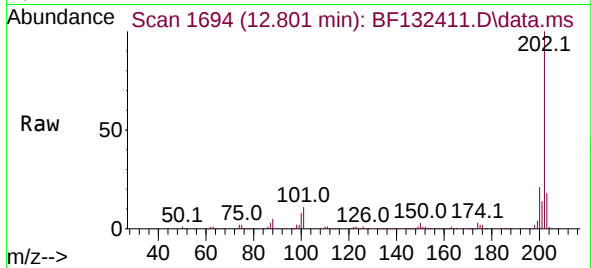
Tgt Ion:149 Resp: 1145683
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 42.505 ng
RT: 12.801 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

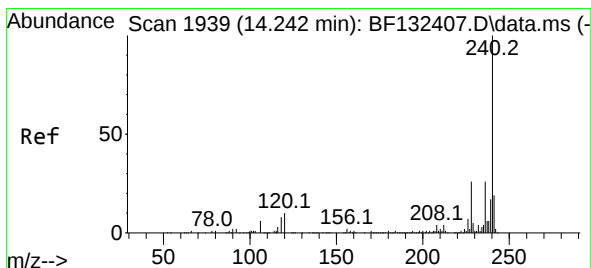
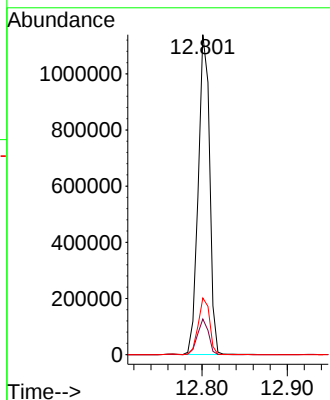
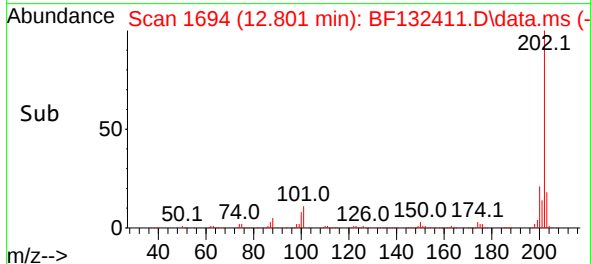
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



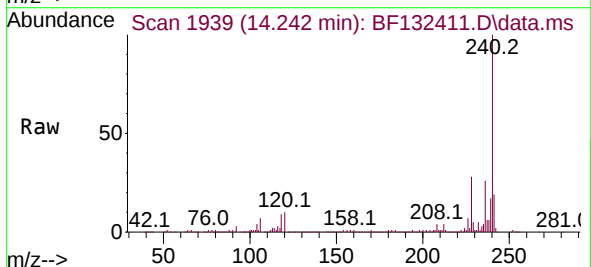
Tgt Ion:202 Resp: 1052599
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.0
203 17.7 0.0 37.9

Manual Integrations
APPROVED

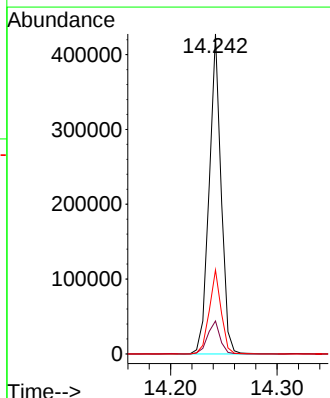
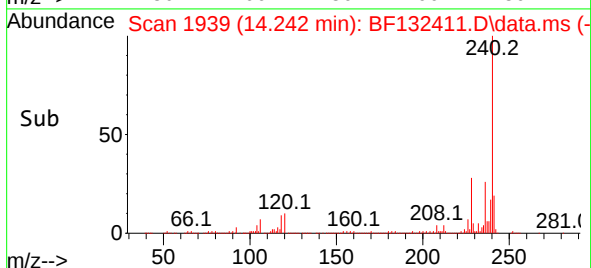
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

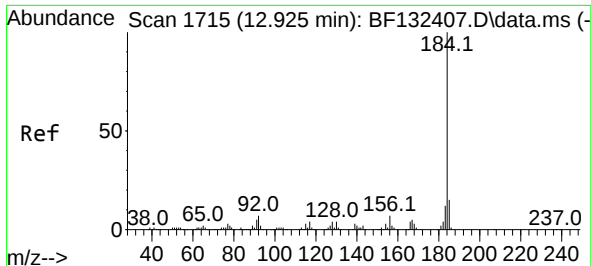


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



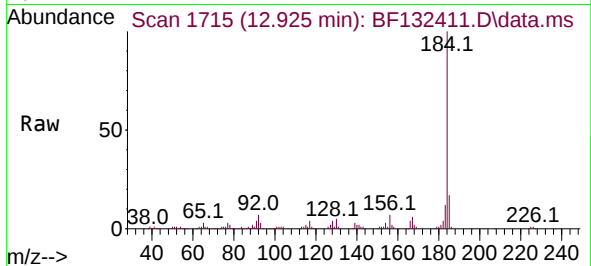
Tgt Ion:240 Resp: 331942
Ion Ratio Lower Upper
240 100
120 10.3 7.7 11.5
236 26.2 21.1 31.7





#77
Benzidine
Concen: 41.586 ng
RT: 12.925 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

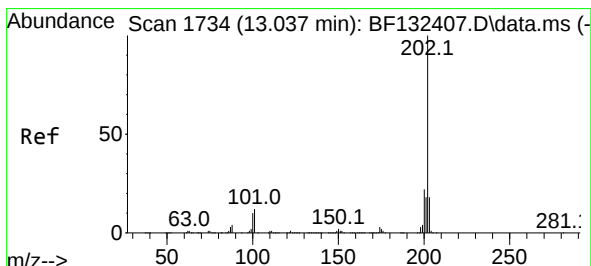
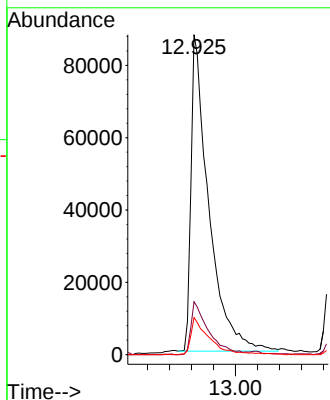
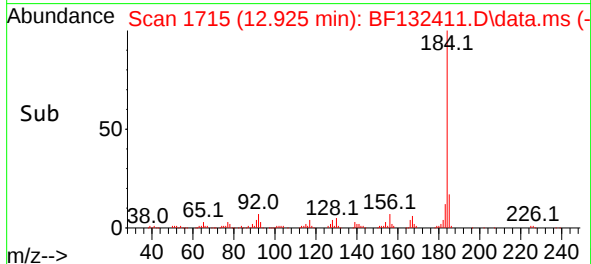
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



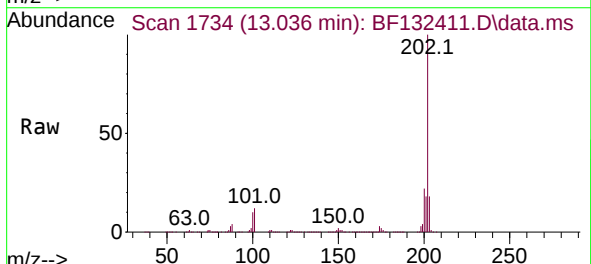
Tgt Ion:184 Resp: 196396
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 11.6 9.3 13.9

Manual Integrations
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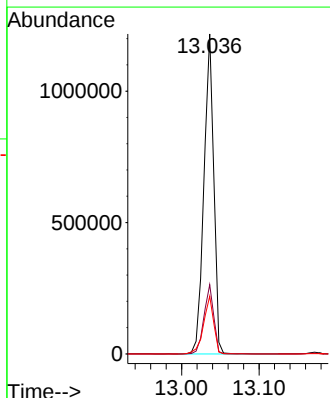
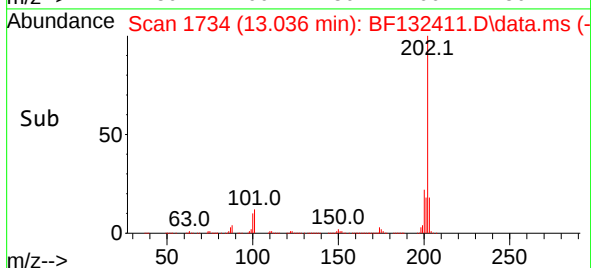
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

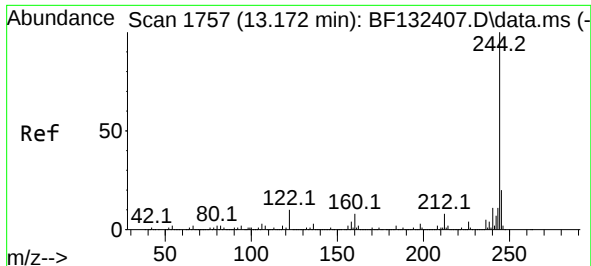


#78
Pyrene
Concen: 38.917 ng
RT: 13.036 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:202 Resp: 1070585
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.0
203 18.0 14.1 21.1





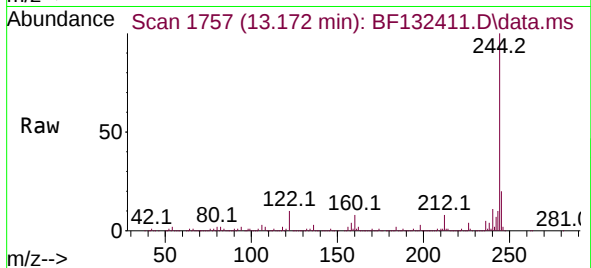
#79
Terphenyl-d14
Concen: 76.246 ng
RT: 13.172 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

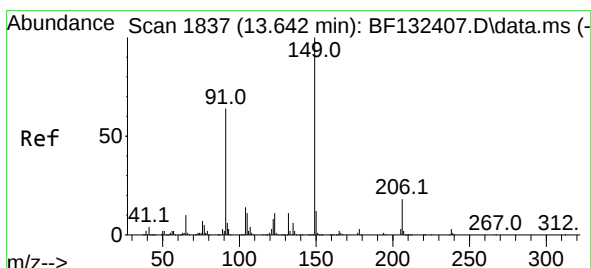
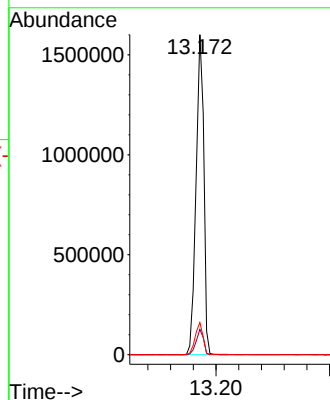
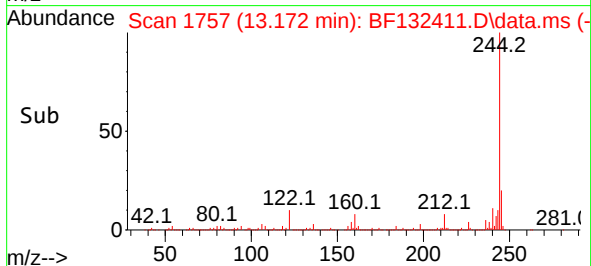


Tgt Ion:244 Resp: 1504862
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 10.1 8.2 12.4

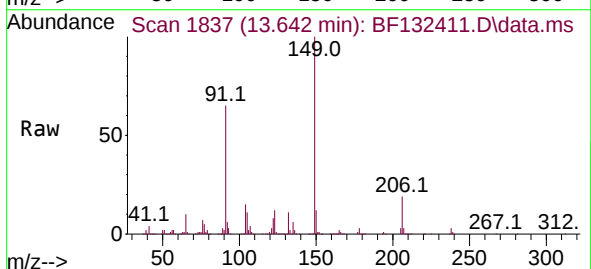
Manual Integrations

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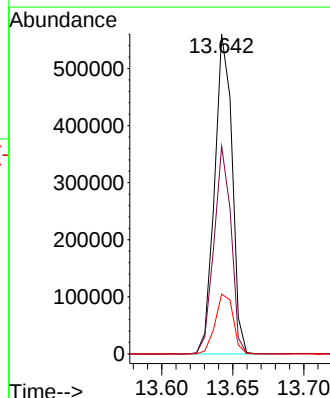
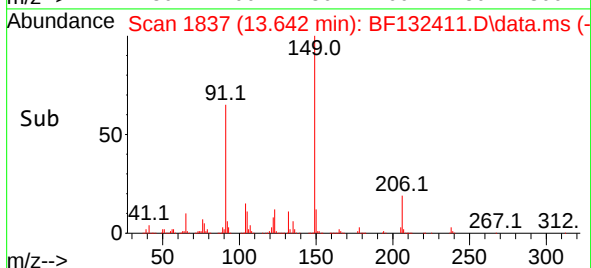
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

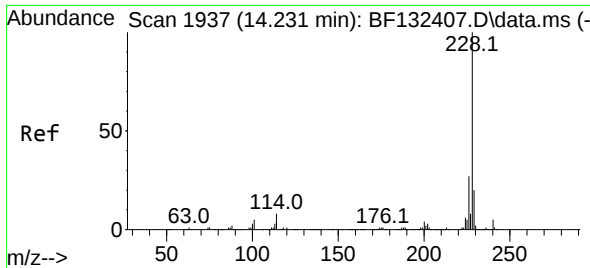


#80
Butylbenzylphthalate
Concen: 42.286 ng
RT: 13.642 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



Tgt Ion:149 Resp: 482176
Ion Ratio Lower Upper
149 100
91 64.9 51.6 77.4
206 18.7 14.8 22.2





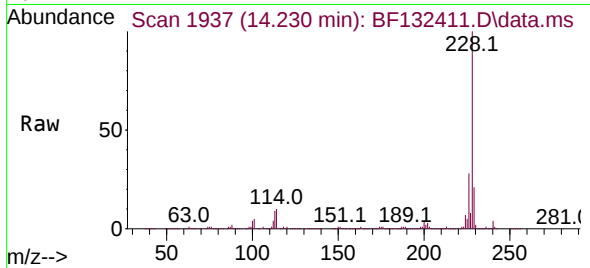
#81
Benzo(a)anthracene
Concen: 40.240 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

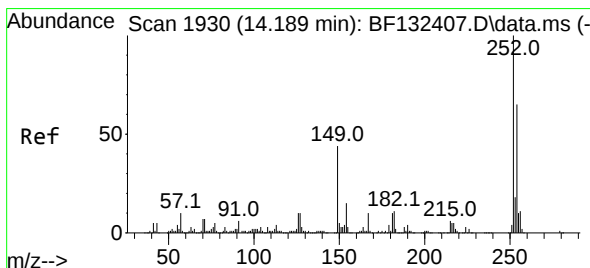
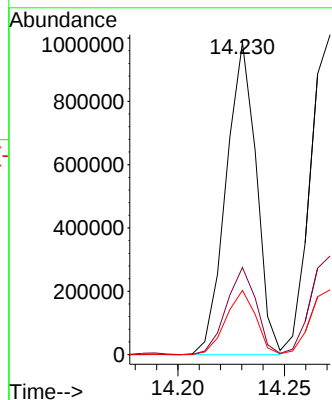
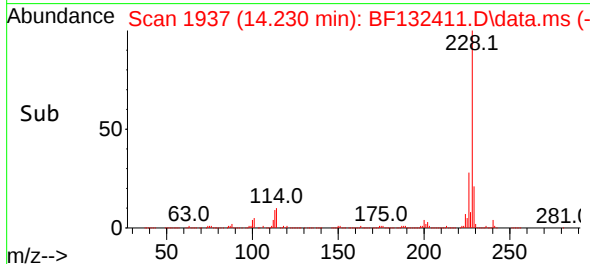


Tgt Ion:228 Resp: 971802
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.6 15.7 23.5

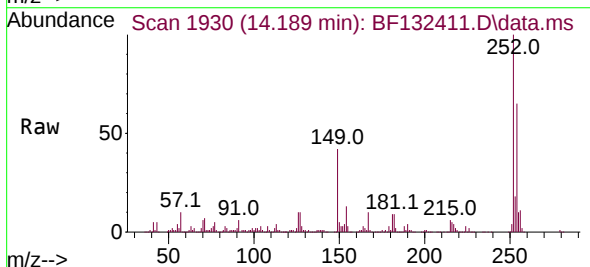
Manual Integrations

APPROVED

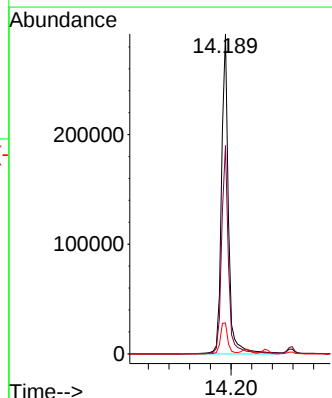
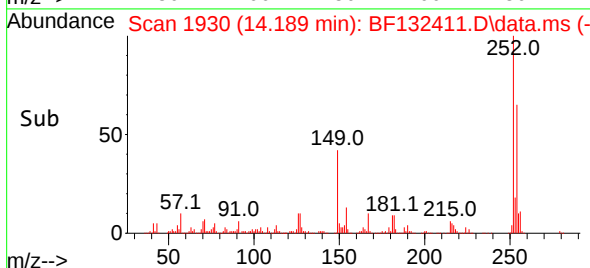
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

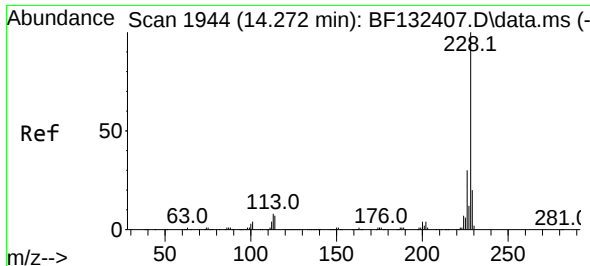


#82
3,3'-Dichlorobenzidine
Concen: 40.732 ng
RT: 14.189 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41



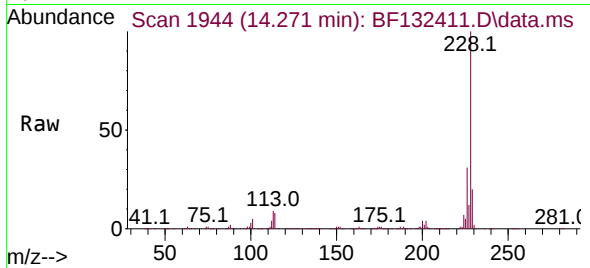
Tgt Ion:252 Resp: 272039
Ion Ratio Lower Upper
252 100
254 65.1 51.8 77.6
126 9.7 8.1 12.1





#83
Chrysene
Concen: 40.212 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

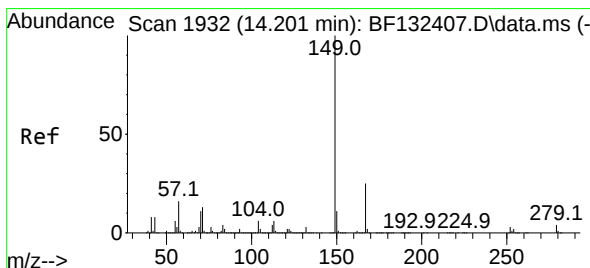
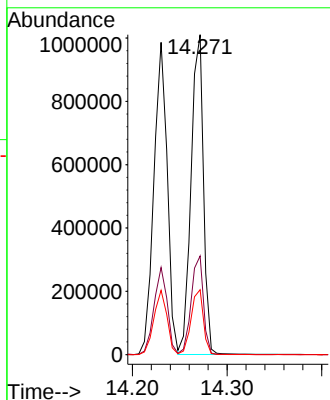
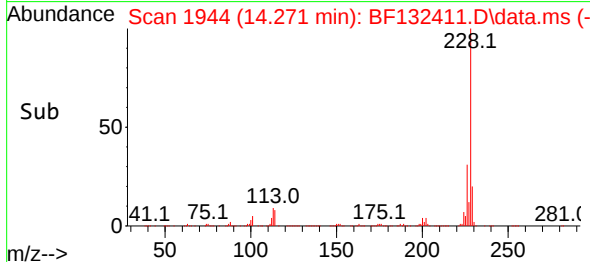
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



Tgt Ion:228 Resp: 916390
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 20.3 16.0 24.0

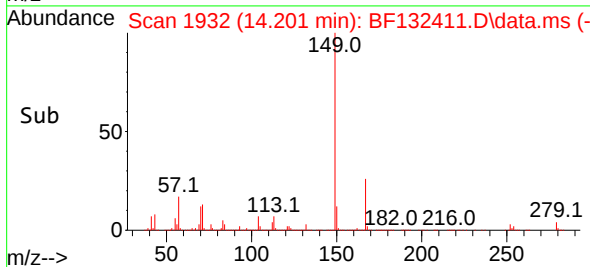
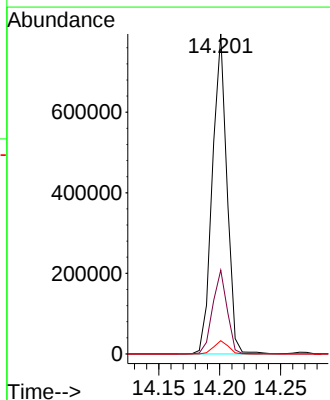
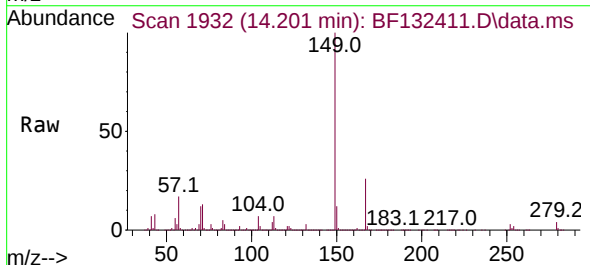
Manual Integrations
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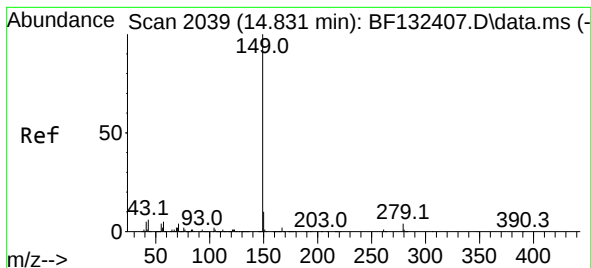
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.220 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

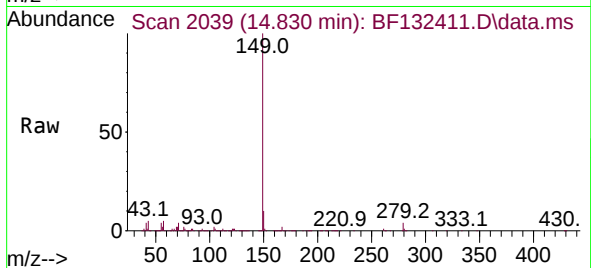
Tgt Ion:149 Resp: 661089
Ion Ratio Lower Upper
149 100
167 26.2 20.2 30.4
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 41.156 ng
RT: 14.830 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

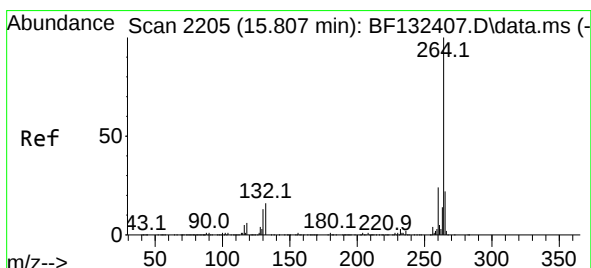
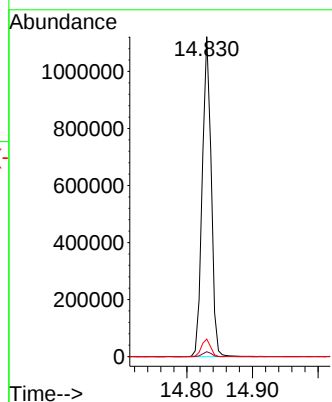
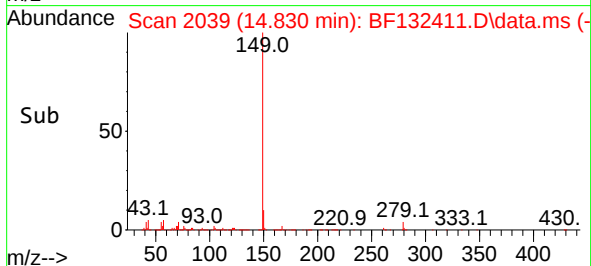
Instrument :
BNA_F
ClientSampleId :
ICVBF021323



Tgt Ion:149 Resp: 1052925
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.7 4.6 6.8

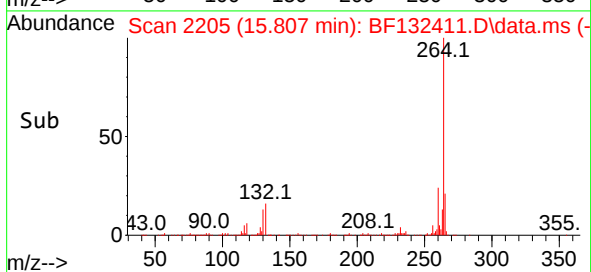
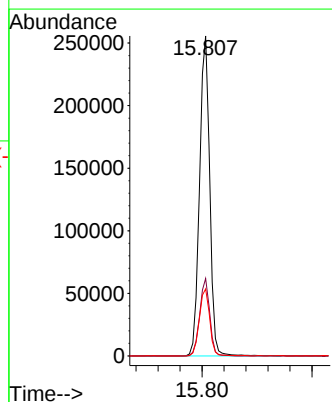
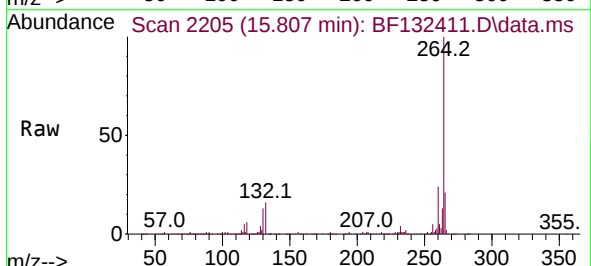
Manual Integrations
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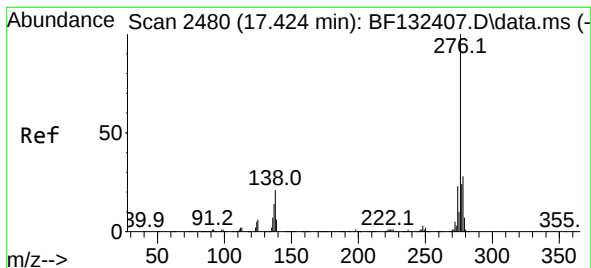
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.807 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion:264 Resp: 326117
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 20.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.539 ng

RT: 17.430 min Scan# 2480

Delta R.T. 0.006 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

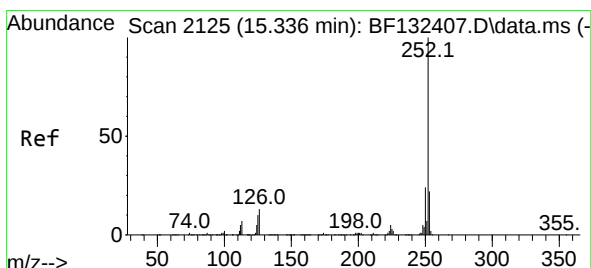
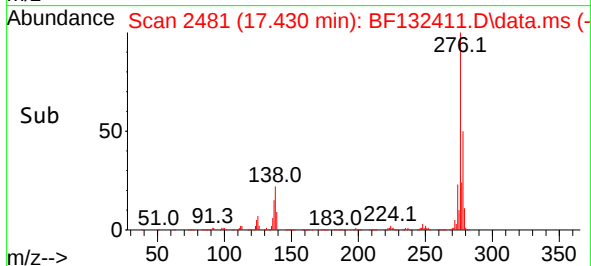
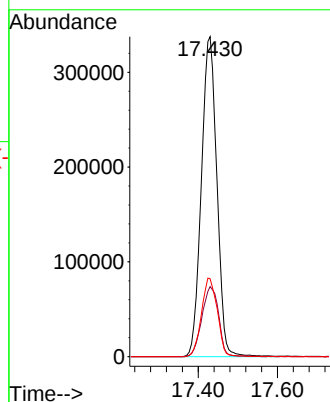
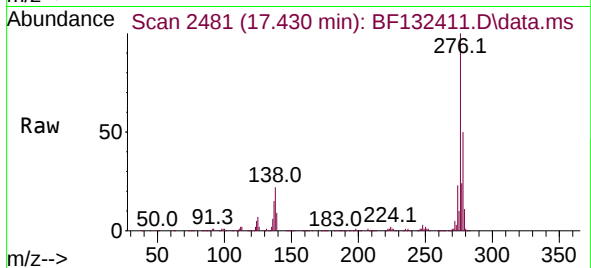
ICVBF021323

Tgt Ion:276 Resp: 916517
 Ion Ratio Lower Upper
 276 100
 138 23.5 19.1 28.7
 277 25.1 20.0 30.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#88

Benzo(b)fluoranthene

Concen: 42.133 ng

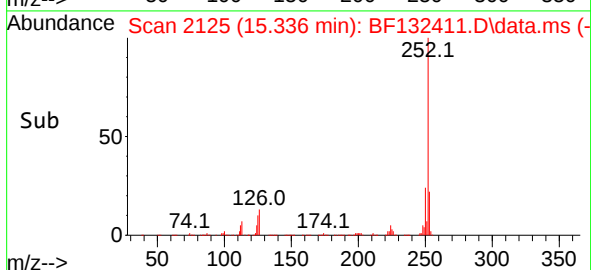
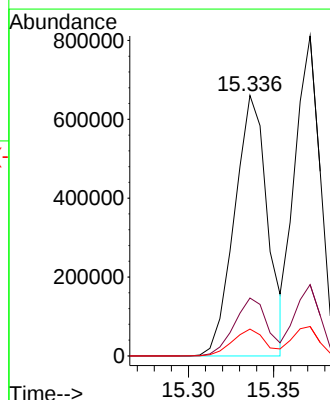
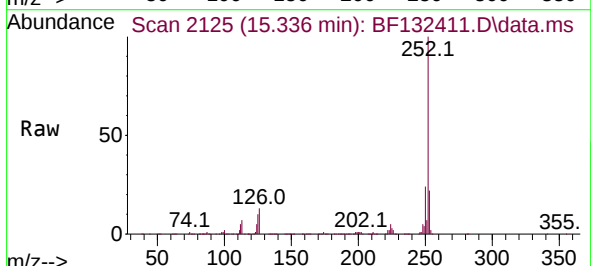
RT: 15.336 min Scan# 2125

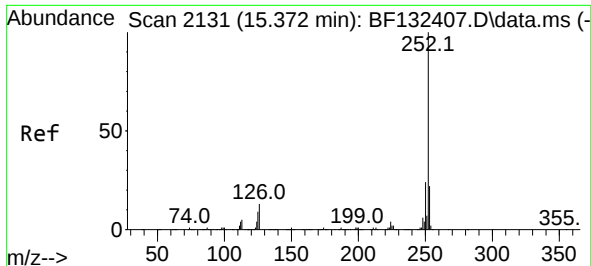
Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

Tgt Ion:252 Resp: 892035
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 40.385 ng

RT: 15.371 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

ICVBF021323

Tgt Ion:252 Resp: 85052

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

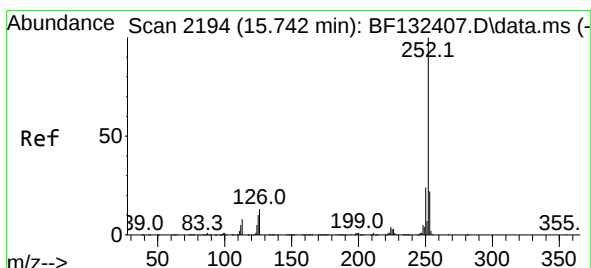
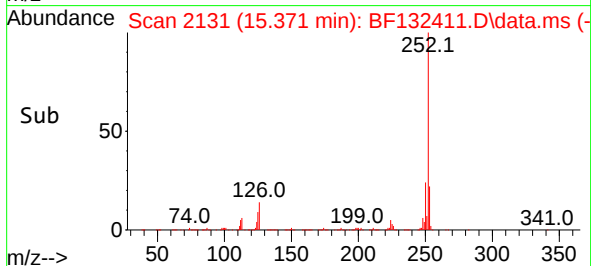
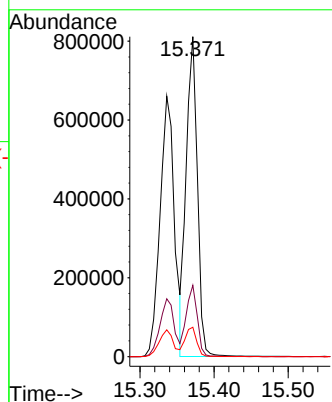
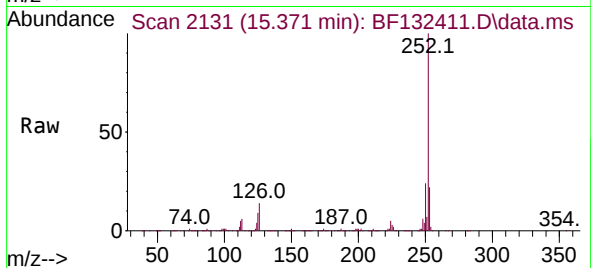
125 9.2 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#90

Benzo(a)pyrene

Concen: 41.085 ng

RT: 15.742 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF132411.D

Acq: 13 Feb 2023 15:41

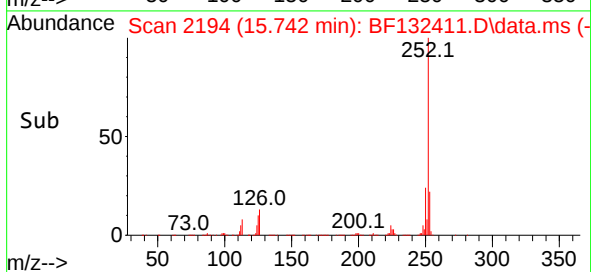
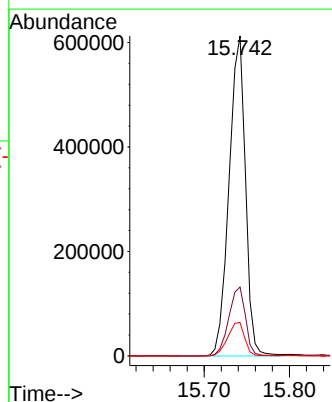
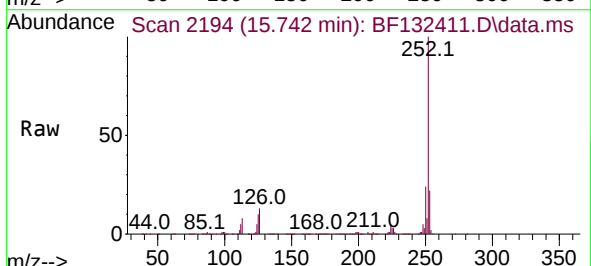
Tgt Ion:252 Resp: 816937

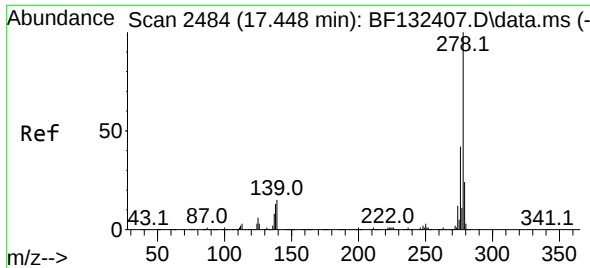
Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 10.5 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 39.330 ng
RT: 17.448 min Scan# 2484
Delta R.T. -0.000 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Instrument :

BNA_F

ClientSampleId :

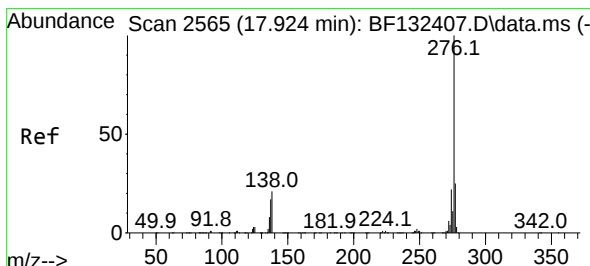
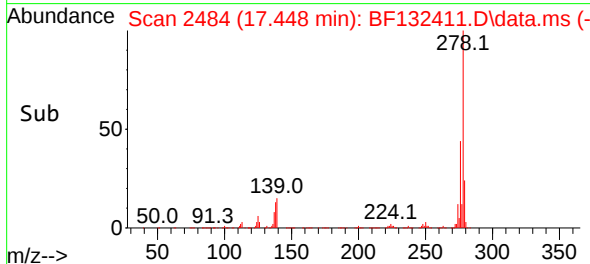
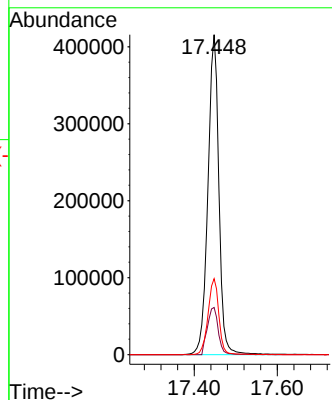
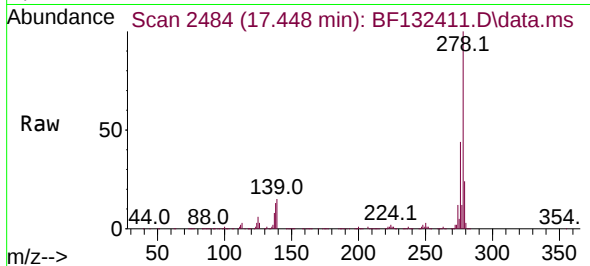
ICVBF021323

Tgt Ion:278 Resp: 759289
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.7 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#92
Benzo(g,h,i)perylene
Concen: 40.132 ng
RT: 17.930 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF132411.D
Acq: 13 Feb 2023 15:41

Tgt Ion:276 Resp: 763151
Ion Ratio Lower Upper
276 100
277 22.9 19.6 29.4
138 19.8 16.6 25.0

