

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132409.D
 Acq On : 13 Feb 2023 14:34
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 00:13:38 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 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	136062	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	339480	20.000	ng	0.00
39) Acenaphthene-d10	10.089	164	235976	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	440421	20.000	ng	0.00
76) Chrysene-d12	14.242	240	303474	20.000	ng	# 0.00
86) Perylene-d12	15.807	264	296049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	743868	87.878	ng	0.00
7) Phenol-d6	6.660	99	1088152	104.271	ng	0.00
23) Nitrobenzene-d5	7.607	82	907365	148.734	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	376844	155.291	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1753768	114.768	ng	0.00
79) Terphenyl-d14	13.177	244	2016359	128.527	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.907	88	232305	58.325	ng	99
3) Pyridine	3.684	79	433397	40.109	ng	98
4) n-Nitrosodimethylamine	3.654	42	143387	41.471	ng	98
6) Aniline	6.701	93	657284m	46.414	ng	
8) 2-Chlorophenol	6.819	128	498808	56.896	ng	96
9) Benzaldehyde	6.584	77	166276	26.106	ng	98
10) Phenol	6.672	94	554270	51.314	ng	97
11) bis(2-Chloroethyl)ether	6.772	93	513634	57.779	ng	98
12) 1,3-Dichlorobenzene	6.978	146	538123	58.035	ng	99
13) 1,4-Dichlorobenzene	7.054	146	547065	59.106	ng	100
14) 1,2-Dichlorobenzene	7.207	146	498610	57.764	ng	98
15) Benzyl Alcohol	7.172	79	349520	45.901	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.307	45	392461	41.903	ng	99
17) 2-Methylphenol	7.278	107	421171	54.881	ng	100
18) Hexachloroethane	7.548	117	201245	57.959	ng	97
19) n-Nitroso-di-n-propyla...	7.448	70	266638	44.981	ng	99
20) 3+4-Methylphenols	7.437	107	507163	51.778	ng	93
22) Acetophenone	7.448	105	612689	76.743	ng	99
24) Nitrobenzene	7.625	77	452404	72.589	ng	97
25) Isophorone	7.860	82	733691	63.364	ng	100
26) 2-Nitrophenol	7.936	139	235778	77.667	ng	99
27) 2,4-Dimethylphenol	7.966	122	341279	64.227	ng	100
28) bis(2-Chloroethoxy)met...	8.066	93	433816	60.967	ng	99
29) 2,4-Dichlorophenol	8.178	162	357969	75.879	ng	97
30) 1,2,4-Trichlorobenzene	8.260	180	380533	75.325	ng	97
31) Naphthalene	8.348	128	1166230	69.791	ng	100
32) Benzoic acid	8.089	122	262237	66.673	ng	99
33) 4-Chloroaniline	8.389	127	475262m	64.139	ng	
34) Hexachlorobutadiene	8.454	225	253938	89.414	ng	98
35) Caprolactam	8.778	113	83452m	51.889	ng	
36) 4-Chloro-3-methylphenol	8.866	107	292629	57.577	ng	99
37) 2-Methylnaphthalene	9.036	142	786672	69.501	ng	100
38) 1-Methylnaphthalene	9.136	142	771905	73.384	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	391249	58.917	ng	99
41) Hexachlorocyclopentadiene	9.189	237	261685	67.543	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	286936	60.447	ng	97

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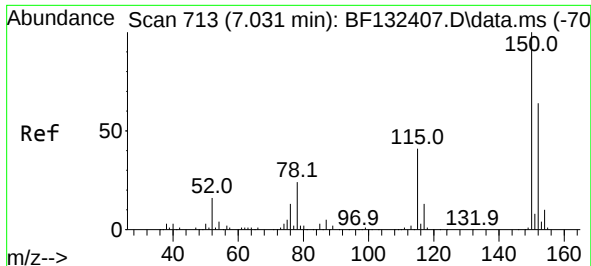
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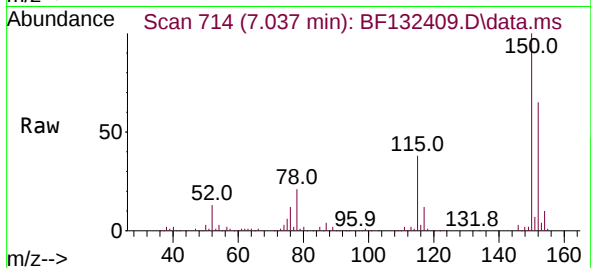
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	323483	59.206	ng	98
46) 1,1'-Biphenyl	9.501	154	1090325	59.933	ng	99
47) 2-Chloronaphthalene	9.531	162	837047	60.409	ng	97
48) 2-Nitroaniline	9.625	65	210065	50.975	ng	96
49) Acenaphthylene	9.948	152	1341144	59.305	ng	100
50) Dimethylphthalate	9.801	163	1034086	62.647	ng	100
51) 2,6-Dinitrotoluene	9.866	165	234100	63.501	ng	100
52) Acenaphthene	10.125	154	876024	61.875	ng	99
53) 3-Nitroaniline	10.042	138	265610	59.411	ng	96
54) 2,4-Dinitrophenol	10.142	184	143103	75.262	ng	97
55) Dibenzofuran	10.295	168	1193333	59.990	ng	99
56) 4-Nitrophenol	10.189	139	205387	61.050	ng	98
57) 2,4-Dinitrotoluene	10.272	165	311644	65.077	ng	97
58) Fluorene	10.642	166	921492	60.192	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	265325	66.613	ng	99
60) Diethylphthalate	10.501	149	1026417	62.506	ng	99
61) 4-Chlorophenyl-phenyle...	10.625	204	467601	64.359	ng	95
62) 4-Nitroaniline	10.660	138	227487	53.062	ng	96
63) Azobenzene	10.789	77	803557	50.238	ng	96
65) 4,6-Dinitro-2-methylph...	10.683	198	179329	71.742	ng	98
66) n-Nitrosodiphenylamine	10.748	169	814298	59.045	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	299893	66.497	ng	93
68) Hexachlorobenzene	11.189	284	334613	69.417	ng	94
69) Atrazine	11.272	200	252432	63.636	ng	98
70) Pentachlorophenol	11.383	266	222438	67.161	ng	99
71) Phenanthrene	11.613	178	1359541	59.073	ng	100
72) Anthracene	11.660	178	1398128	59.694	ng	99
73) Carbazole	11.813	167	1214374	57.825	ng	99
74) Di-n-butylphthalate	12.136	149	1550934	62.467	ng	100
75) Fluoranthene	12.807	202	1428507	60.824	ng	98
77) Benzidine	12.930	184	254677	24.004	ng	99
78) Pyrene	13.042	202	1462362	59.912	ng	100
80) Butylbenzylphthalate	13.648	149	661533	61.344	ng	98
81) Benzo(a)anthracene	14.236	228	1324852	62.418	ng	99
82) 3,3'-Dichlorobenzidine	14.189	252	354165	52.388	ng	99
83) Chrysene	14.271	228	1222734	61.521	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	912510	62.602	ng	99
85) Di-n-octyl phthalate	14.836	149	1405440	59.114	ng	100
87) Indeno(1,2,3-cd)pyrene	17.436	276	1369008	69.594	ng	99
88) Benzo(b)fluoranthene	15.342	252	1129199	60.006	ng	99
89) Benzo(k)fluoranthene	15.377	252	1162289	64.706	ng	100
90) Benzo(a)pyrene	15.748	252	1099657	62.754	ng	99
91) Dibenzo(a,h)anthracene	17.459	278	1125992	71.195	ng	100
92) Benzo(g,h,i)perylene	17.936	276	1132613	69.320	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.037 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

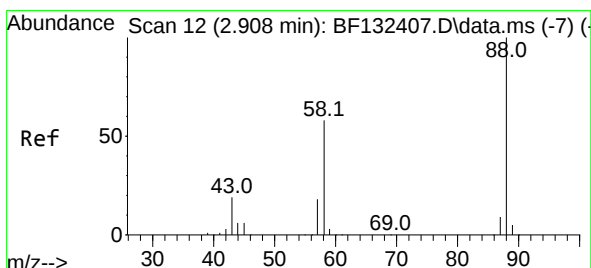
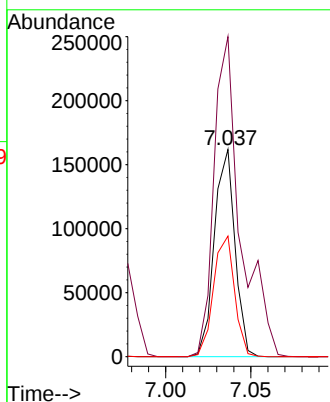
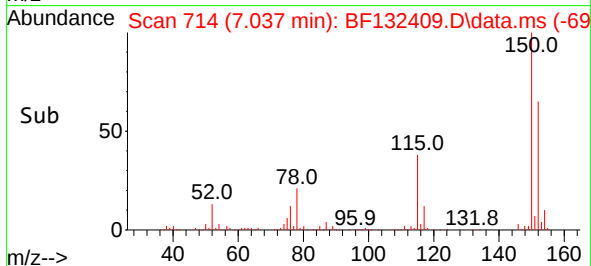
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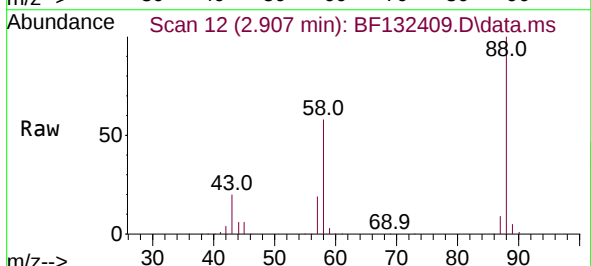
Tgt Ion:152 Resp: 136062
Ion Ratio Lower Upper
152 100
150 154.5 124.4 186.6
115 58.3 50.6 75.8

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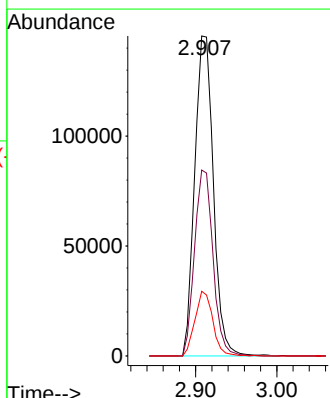
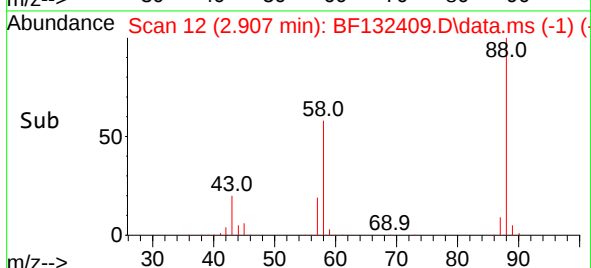
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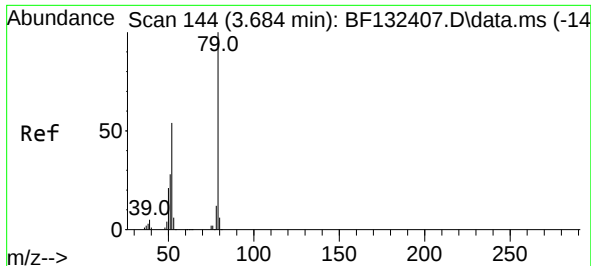


#2
1,4-Dioxane
Concen: 58.325 ng
RT: 2.907 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



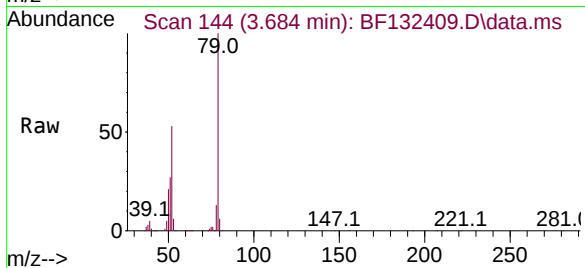
Tgt Ion: 88 Resp: 232305
Ion Ratio Lower Upper
88 100
58 57.5 45.7 68.5
43 19.3 15.0 22.4





#3
Pyridine
Concen: 40.109 ng
RT: 3.684 min Scan# 144
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

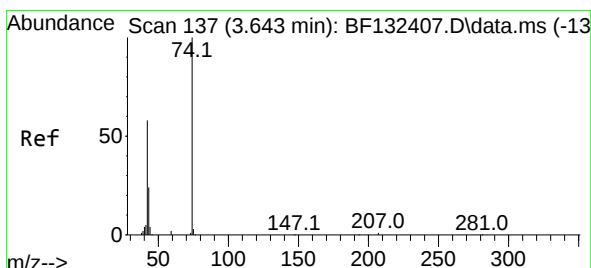
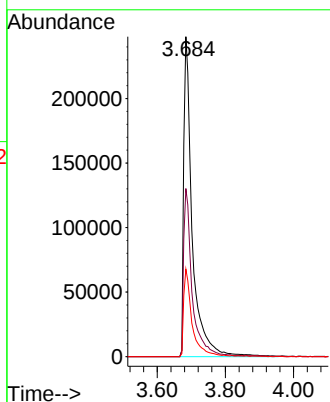
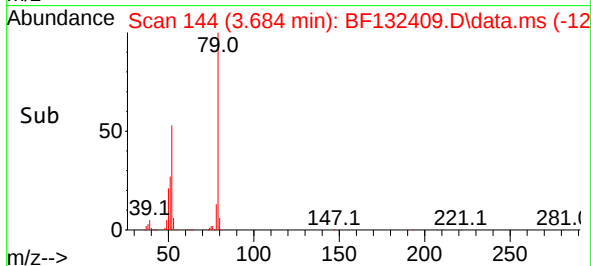
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



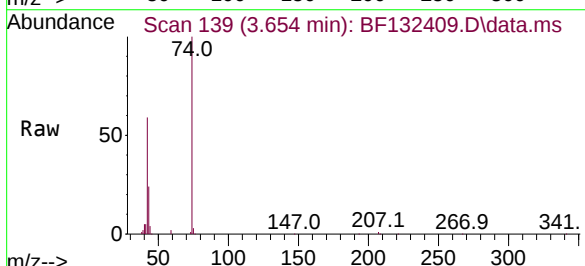
Tgt Ion: 79 Resp: 433397
Ion Ratio Lower Upper
79 100
52 52.5 43.3 64.9
51 27.3 22.1 33.1

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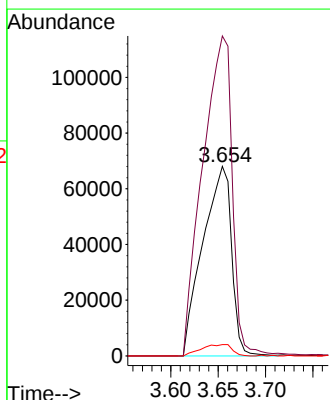
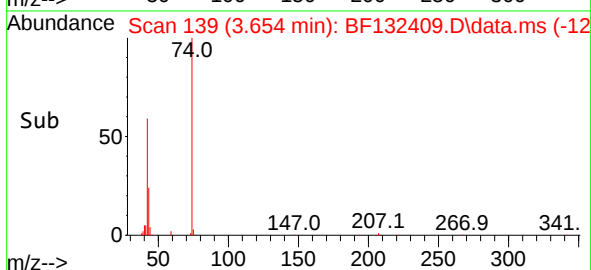
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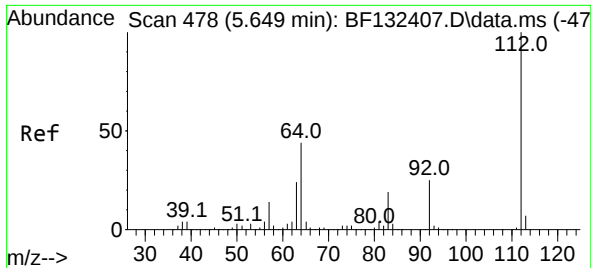


#4
n-Nitrosodimethylamine
Concen: 41.471 ng
RT: 3.654 min Scan# 139
Delta R.T. 0.011 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



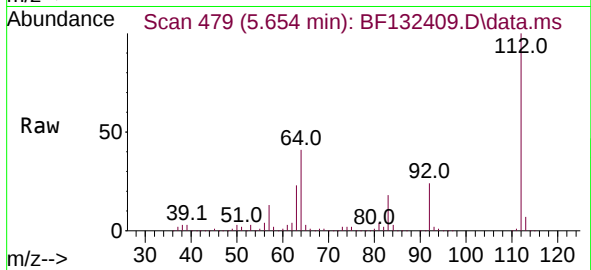
Tgt Ion: 42 Resp: 143387
Ion Ratio Lower Upper
42 100
74 168.9 137.8 206.6
44 6.0 5.8 8.6





#5
2-Fluorophenol
Concen: 87.878 ng
RT: 5.654 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

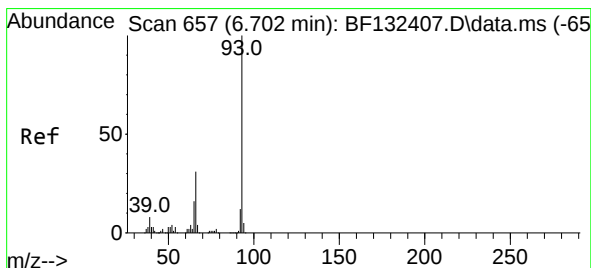
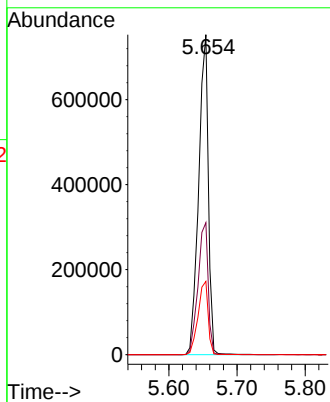
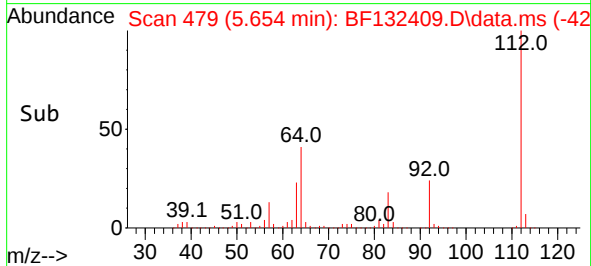
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Tgt Ion: 112 Resp: 743868
Ion Ratio Lower Upper
112 100
64 41.2 34.8 52.2
63 22.9 19.3 28.9

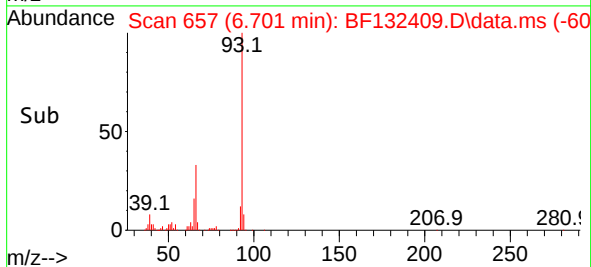
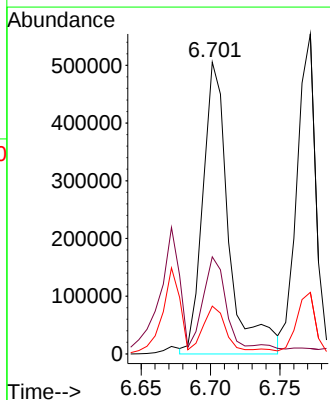
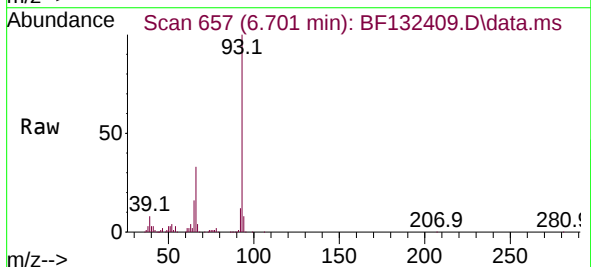
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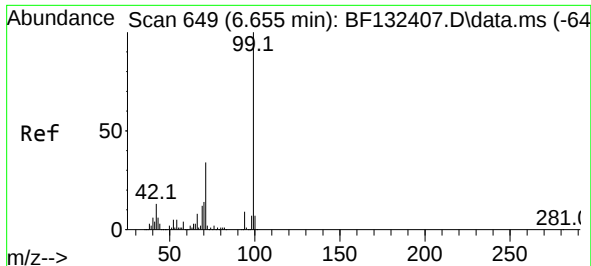
Reviewed By :Christian Giraldo 02/14/2023
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#6
Aniline
Concen: 46.414 ng m
RT: 6.701 min Scan# 657
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

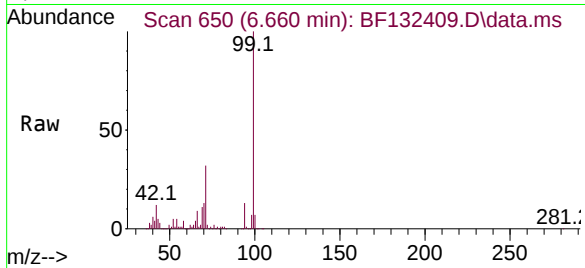
Tgt Ion: 93 Resp: 657284
Ion Ratio Lower Upper
93 100
66 33.3 25.7 38.5
65 16.3 13.1 19.7





#7
Phenol-d6
Concen: 104.271 ng
RT: 6.660 min Scan# 649
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

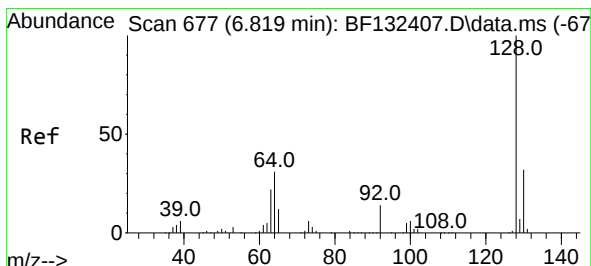
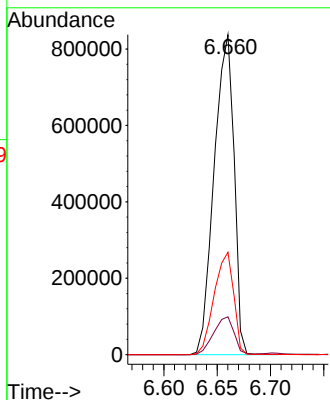
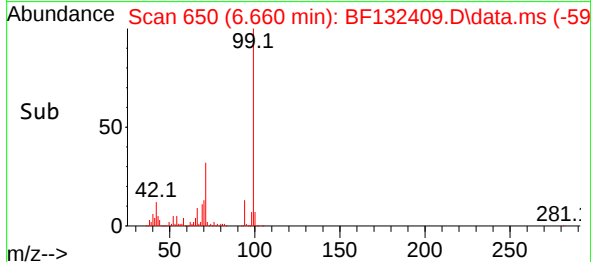
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Tgt Ion: 99 Resp: 1088152
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 32.0 26.8 40.2

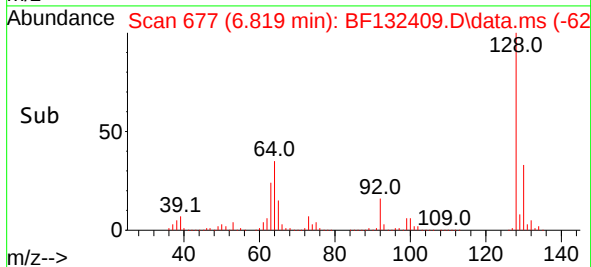
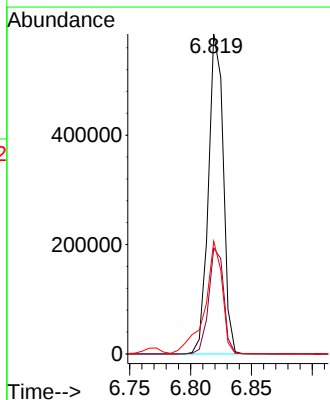
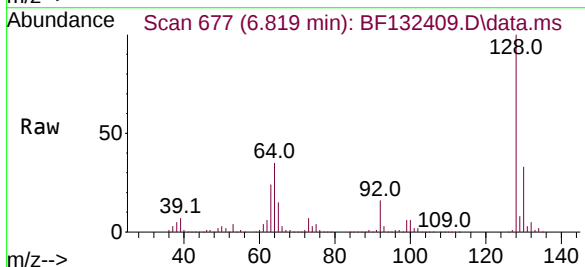
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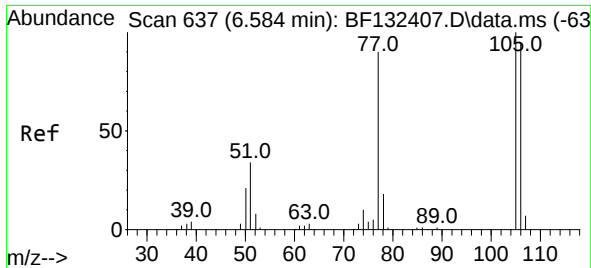
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#8
2-Chlorophenol
Concen: 56.896 ng
RT: 6.819 min Scan# 677
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

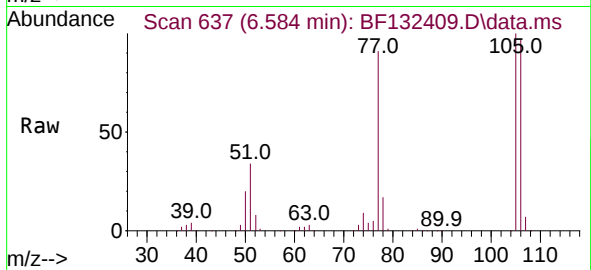
Tgt Ion:128 Resp: 498808
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 35.2 12.3 52.3





#9
Benzaldehyde
Concen: 26.106 ng
RT: 6.584 min Scan# 637
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

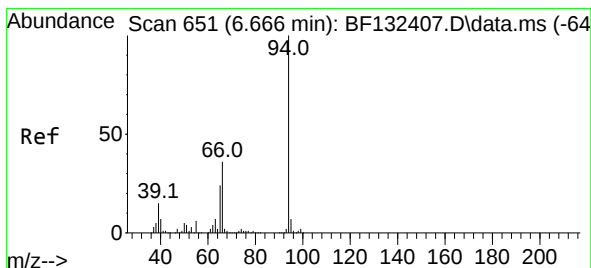
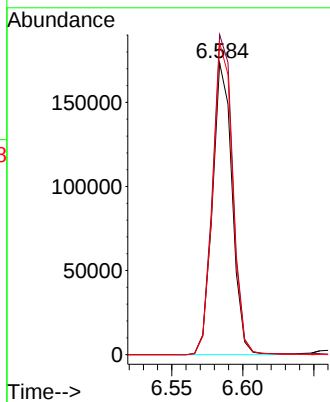
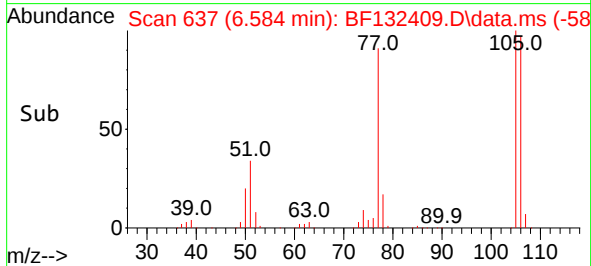
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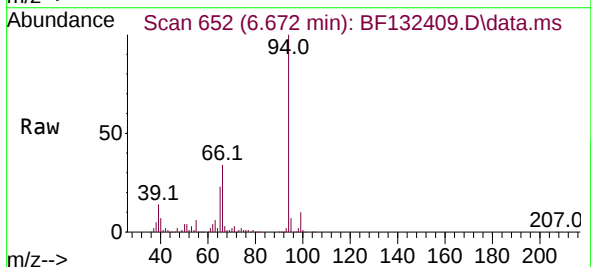
Tgt Ion: 77 Resp: 166270
Ion Ratio Lower Upper
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105 109.7 91.1 131.1
106 106.9 84.2 124.2

Manual Integrations
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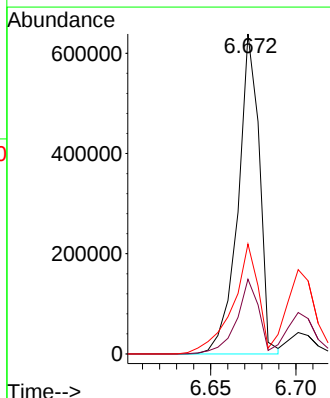
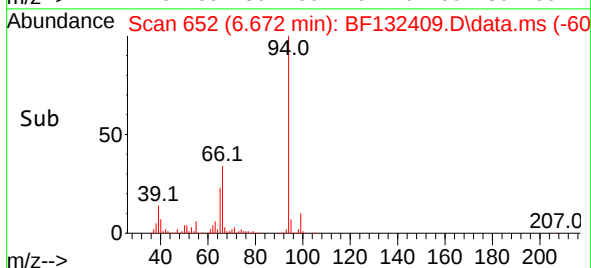
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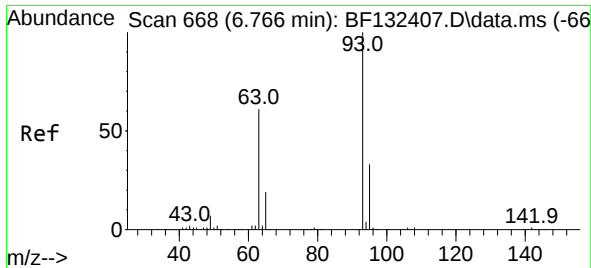


#10
Phenol
Concen: 51.314 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion: 94 Resp: 554270
Ion Ratio Lower Upper
94 100
65 23.3 4.3 44.3
66 34.3 16.2 56.2





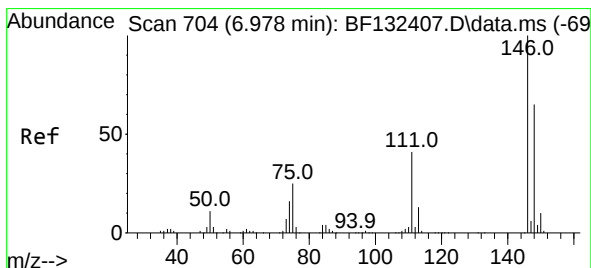
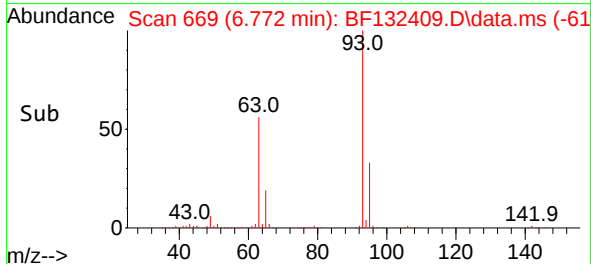
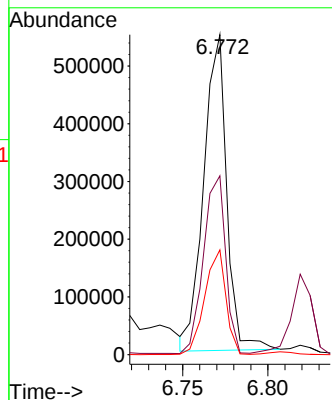
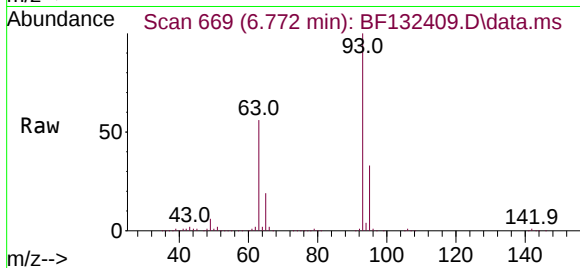
#11
bis(2-Chloroethyl)ether
Concen: 57.779 ng
RT: 6.772 min Scan# 669
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 513634
Ion Ratio Lower Upper
93 100
63 55.9 37.9 77.9
95 32.7 11.7 51.7

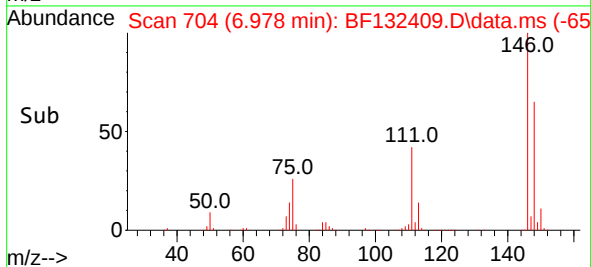
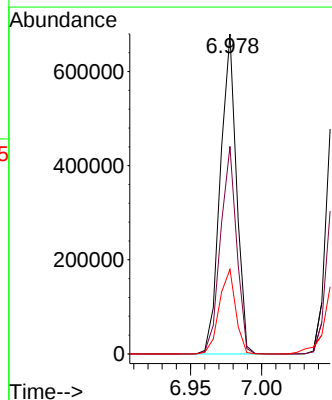
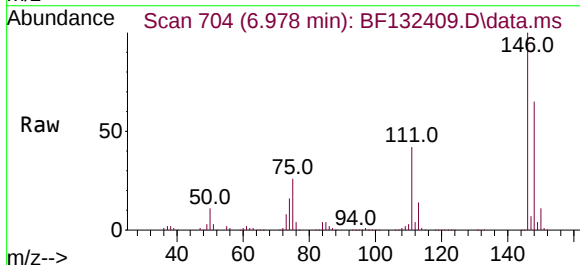
Manual Integrations
APPROVED

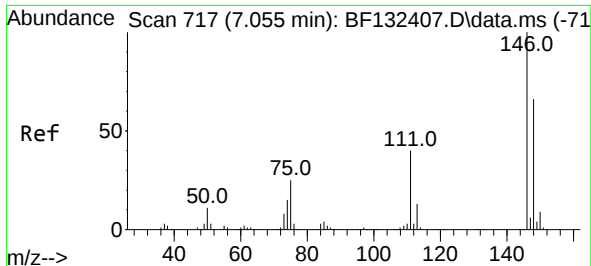
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#12
1,3-Dichlorobenzene
Concen: 58.035 ng
RT: 6.978 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

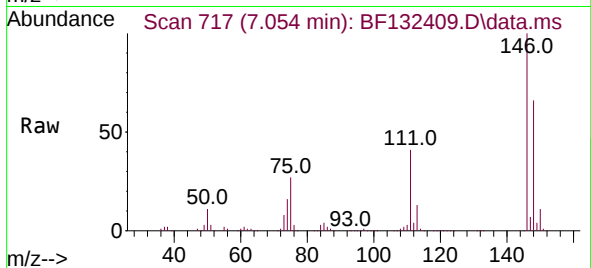
Tgt Ion:146 Resp: 538123
Ion Ratio Lower Upper
146 100
148 64.9 52.2 78.4
75 26.4 20.0 30.0





#13
1,4-Dichlorobenzene
Concen: 59.106 ng
RT: 7.054 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

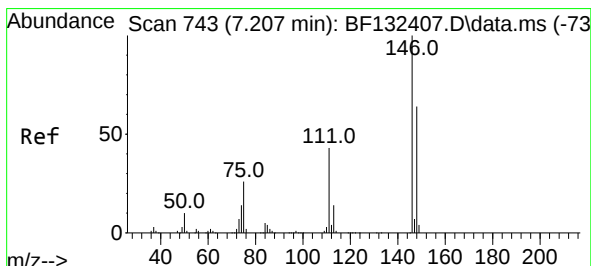
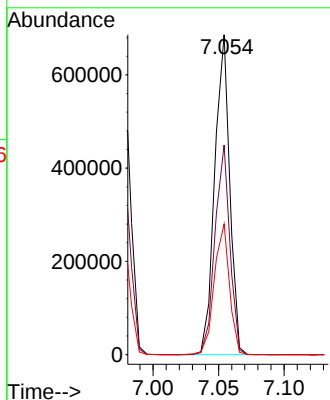
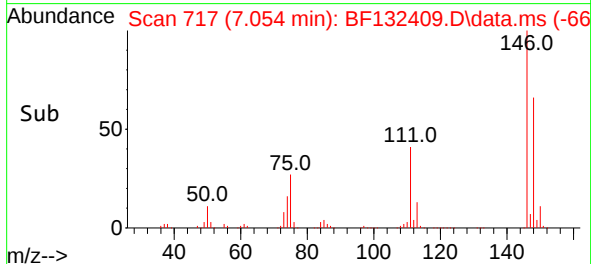
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:146 Resp: 547065
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
111 40.8 32.2 48.2

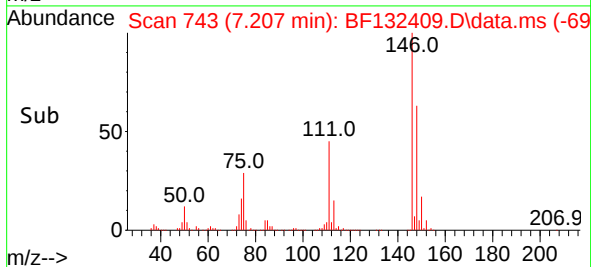
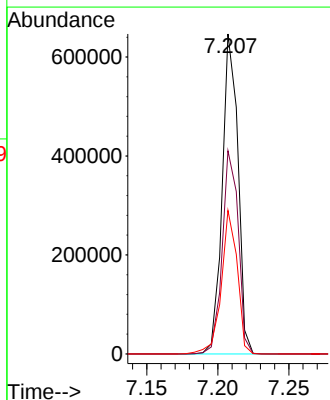
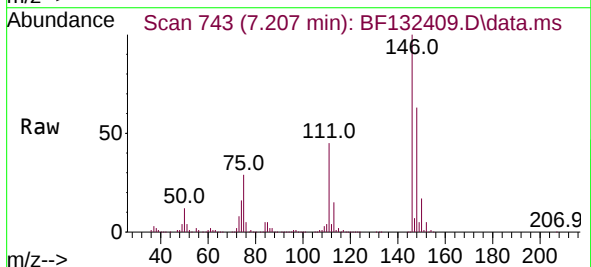
Manual Integrations
APPROVED

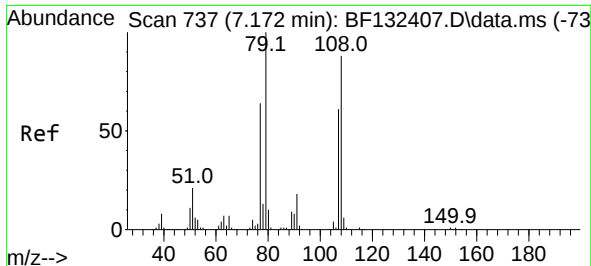
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#14
1,2-Dichlorobenzene
Concen: 57.764 ng
RT: 7.207 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

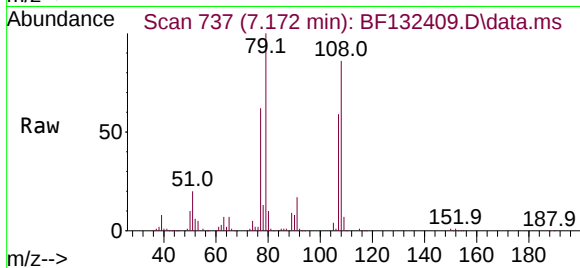
Tgt Ion:146 Resp: 498610
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 44.8 34.2 51.4





#15
Benzyl Alcohol
Concen: 45.901 ng
RT: 7.172 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

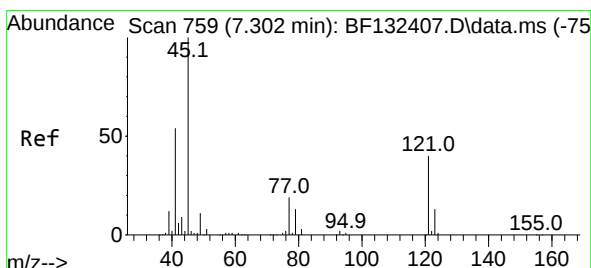
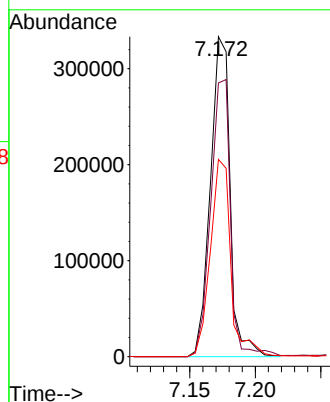
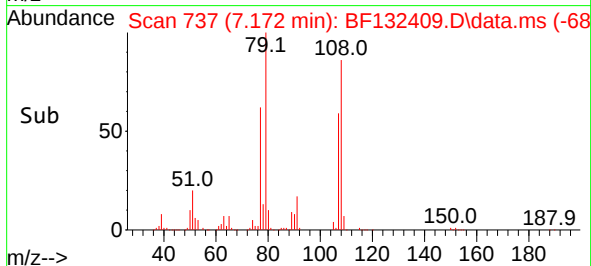
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



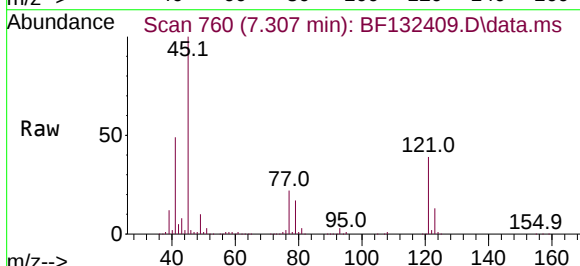
Tgt Ion: 79 Resp: 349520
Ion Ratio Lower Upper
79 100
108 85.5 70.2 105.2
77 61.6 51.1 76.7

Manual Integrations
APPROVED

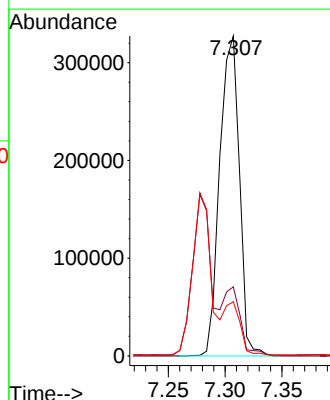
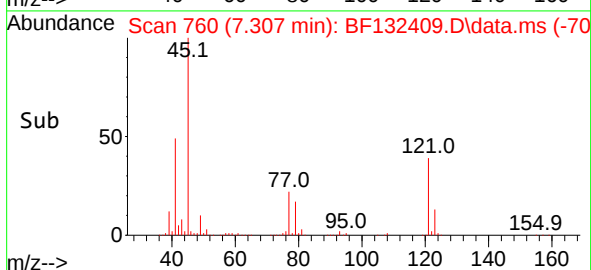
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

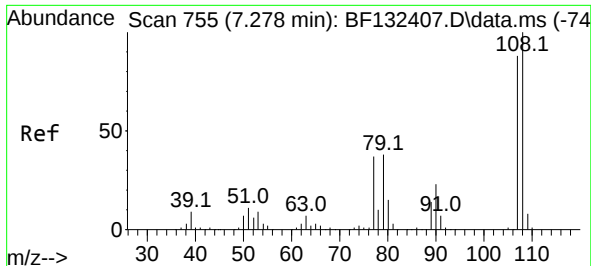


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.903 ng
RT: 7.307 min Scan# 760
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion: 45 Resp: 392461
Ion Ratio Lower Upper
45 100
77 21.6 1.3 41.3
79 16.9 0.0 35.9





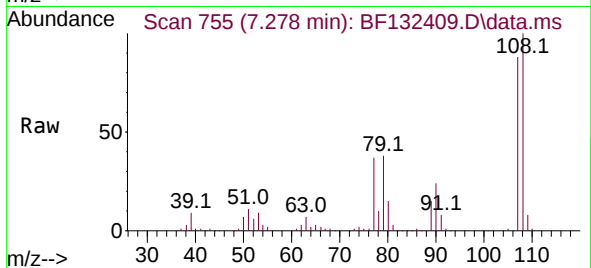
#17
2-Methylphenol
Concen: 54.881 ng
RT: 7.278 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

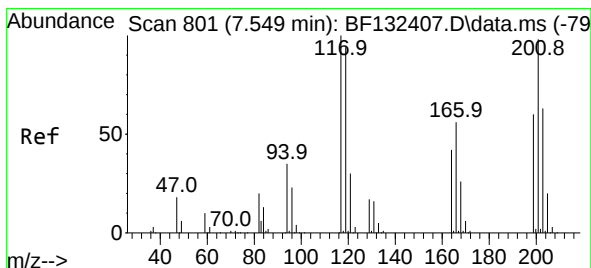
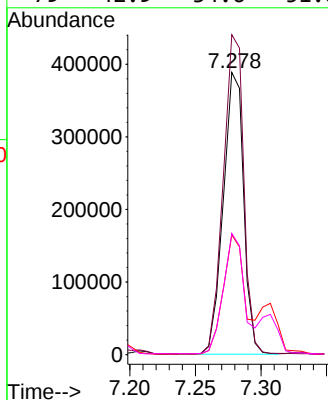
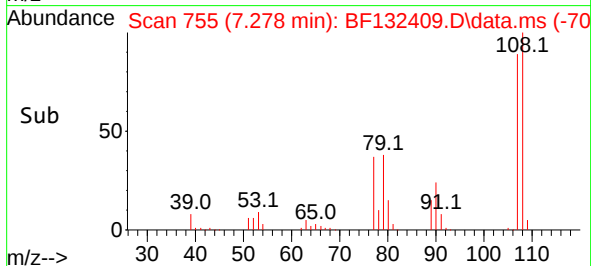


Tgt Ion:107 Resp: 421171
Ion Ratio Lower Upper
107 100
108 113.4 90.6 135.8
77 42.5 33.8 50.8
79 42.9 34.6 51.8

Manual Integrations

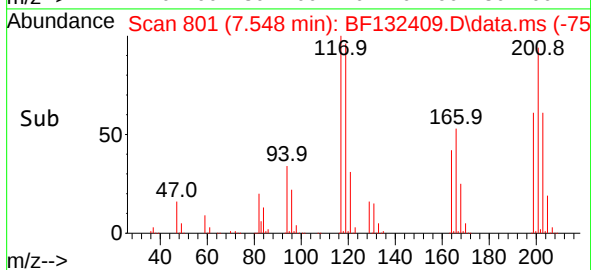
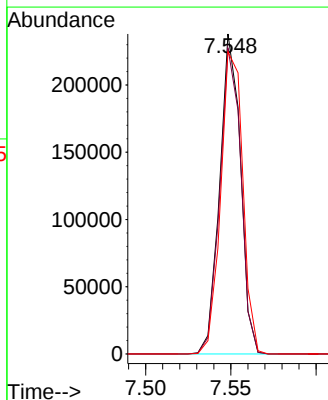
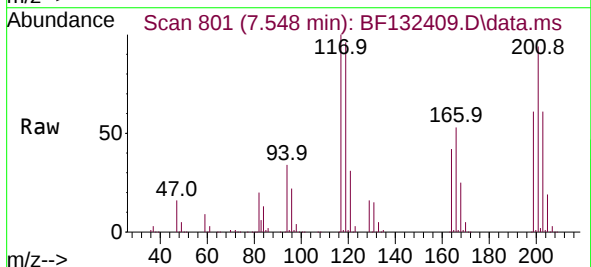
APPROVED

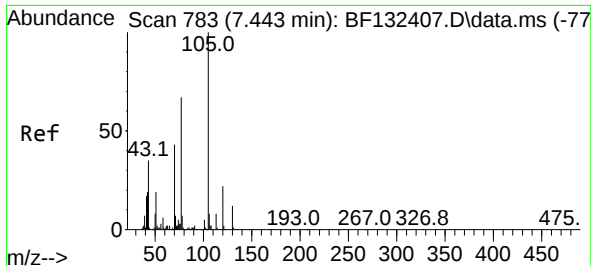
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#18
Hexachloroethane
Concen: 57.959 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

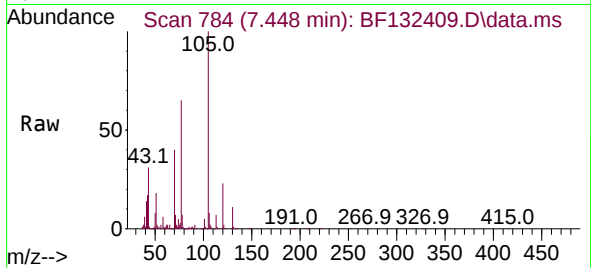
Tgt Ion:117 Resp: 201245
Ion Ratio Lower Upper
117 100
119 95.5 75.3 112.9
201 94.4 78.7 118.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.981 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

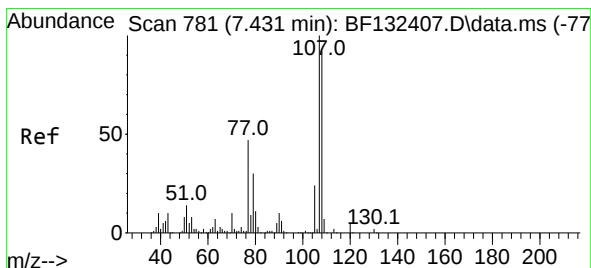
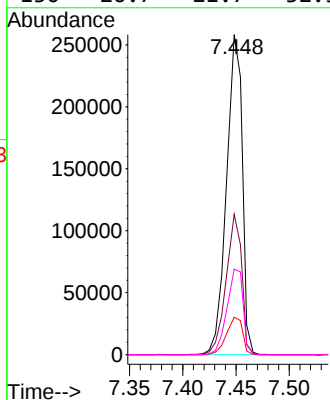
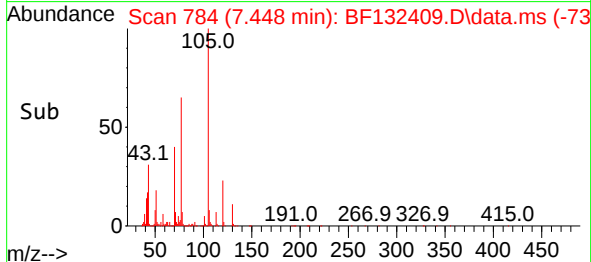
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



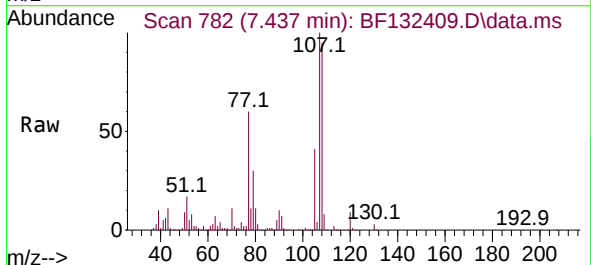
Tgt Ion: 70 Resp: 266638
Ion Ratio Lower Upper
70 100
42 43.9 36.0 54.0
101 11.7 9.4 14.2
130 26.7 21.7 32.5

Manual Integrations
APPROVED

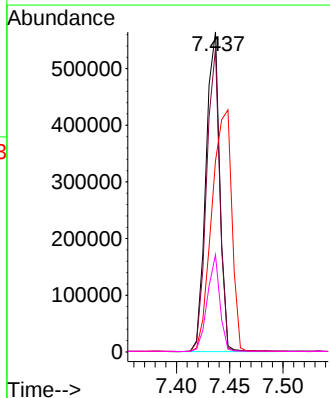
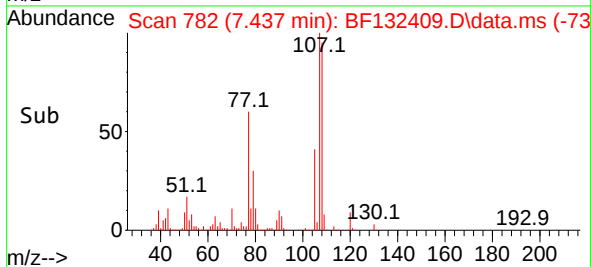
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

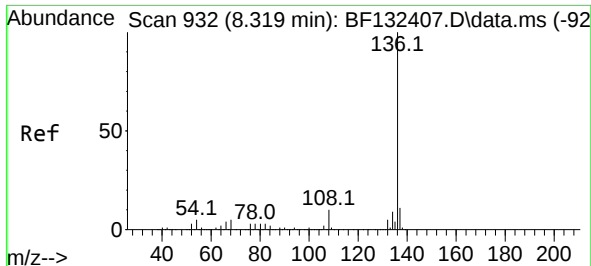


#20
3+4-Methylphenols
Concen: 51.778 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



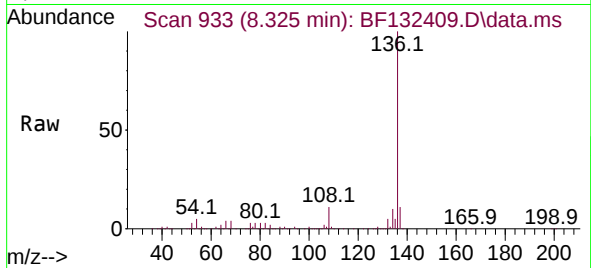
Tgt Ion:107 Resp: 507163
Ion Ratio Lower Upper
107 100
108 94.8 72.0 112.0
77 59.7 27.4 67.4
79 30.4 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.325 min Scan# 931
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

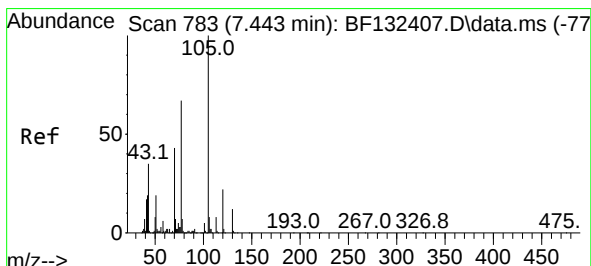
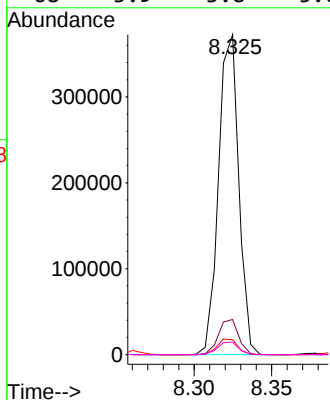
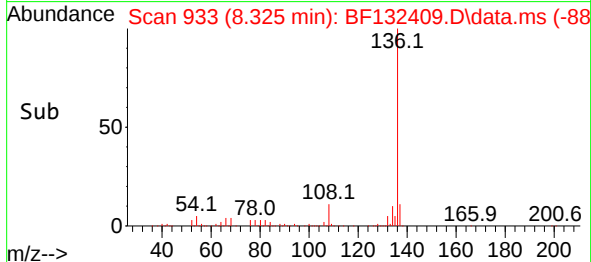
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



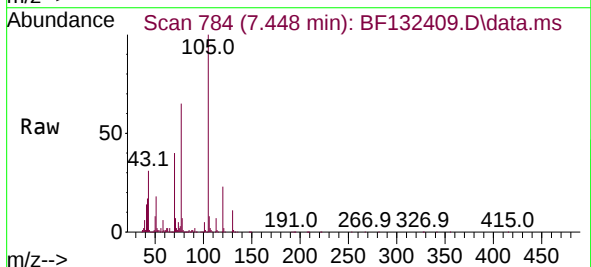
Tgt Ion:136 Resp: 339480
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 4.6 4.2 6.2
68 3.9 3.8 5.6

Manual Integrations
APPROVED

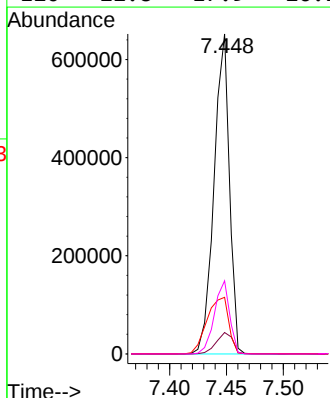
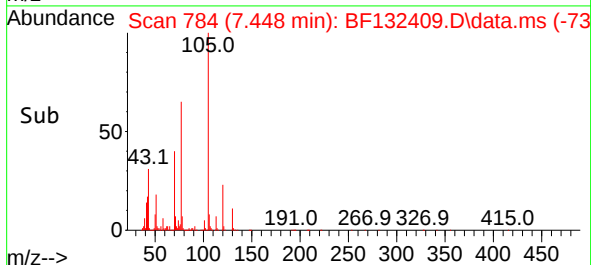
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

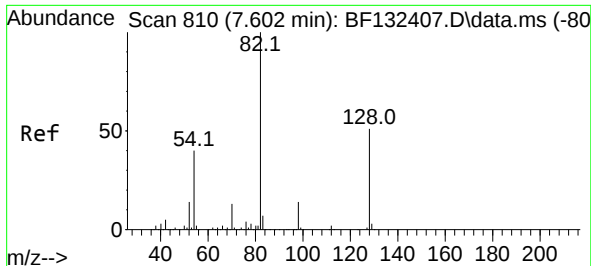


#22
Acetophenone
Concen: 76.743 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



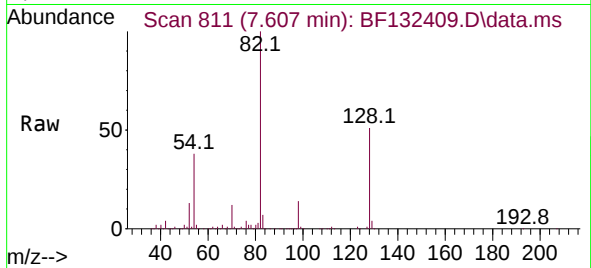
Tgt Ion:105 Resp: 612689
Ion Ratio Lower Upper
105 100
71 6.7 5.4 8.2
51 17.7 14.9 22.3
120 22.8 17.9 26.9





#23
Nitrobenzene-d5
Concen: 148.734 ng
RT: 7.607 min Scan# 810
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

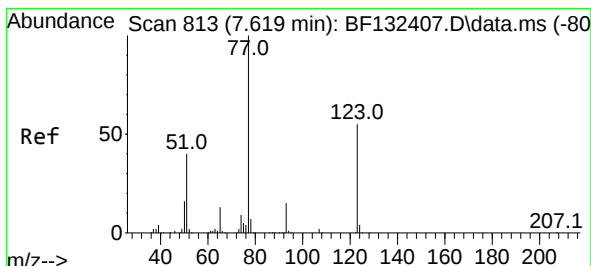
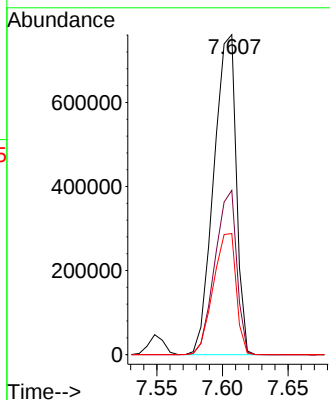
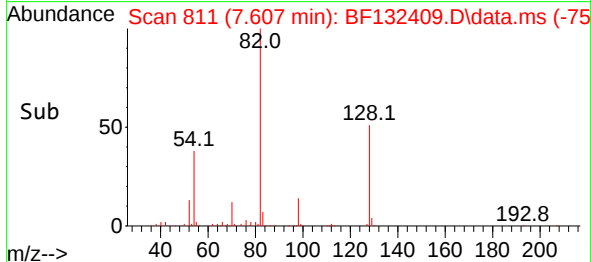
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



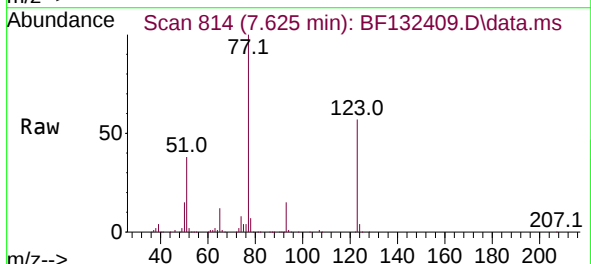
Tgt Ion: 82 Resp: 907365
Ion Ratio Lower Upper
82 100
128 51.3 40.7 61.1
54 37.8 32.3 48.5

Manual Integrations
APPROVED

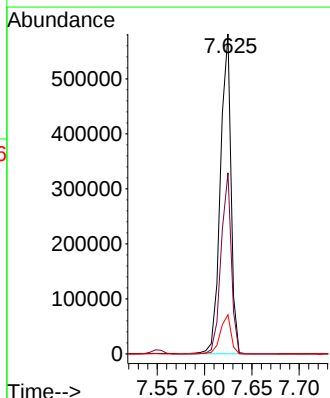
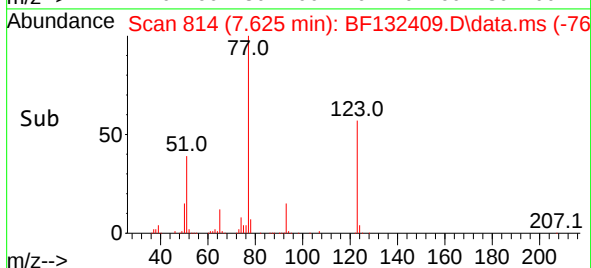
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

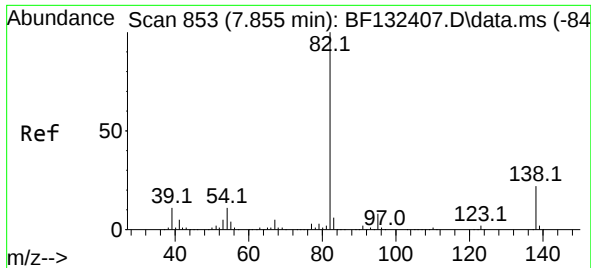


#24
Nitrobenzene
Concen: 72.589 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



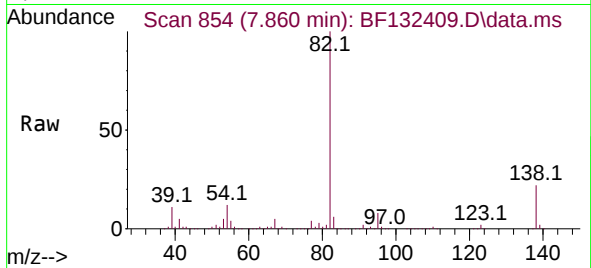
Tgt Ion: 77 Resp: 452404
Ion Ratio Lower Upper
77 100
123 56.6 43.6 65.4
65 12.3 10.3 15.5





#25
Isophorone
Concen: 63.364 ng
RT: 7.860 min Scan# 854
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

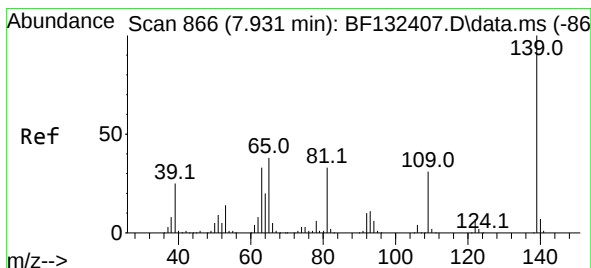
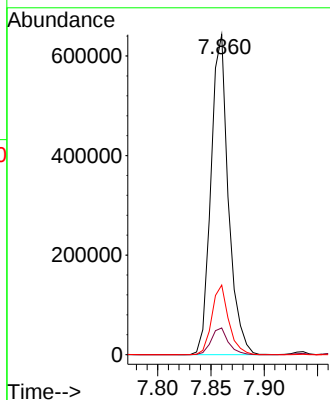
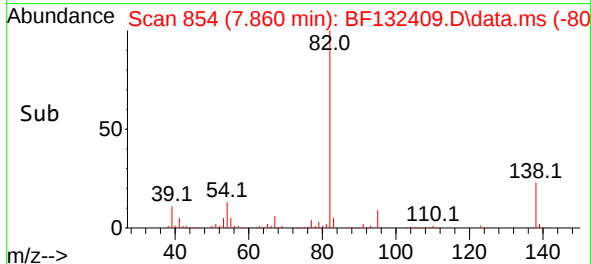
Instrument :
BNA_F
Client Sample Id :
SSTDICC060



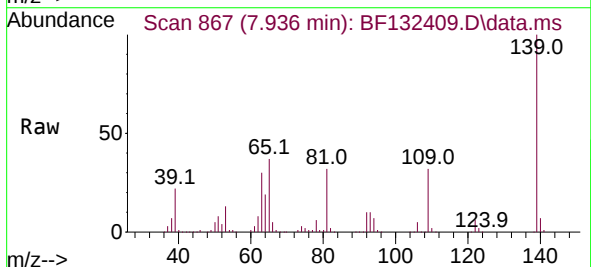
Tgt Ion: 82 Resp: 733691
Ion Ratio Lower Upper
82 100
95 8.3 6.6 9.8
138 21.7 17.2 25.8

Manual Integrations
APPROVED

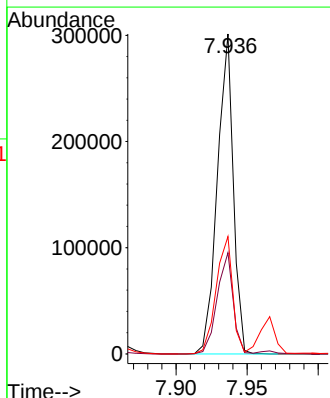
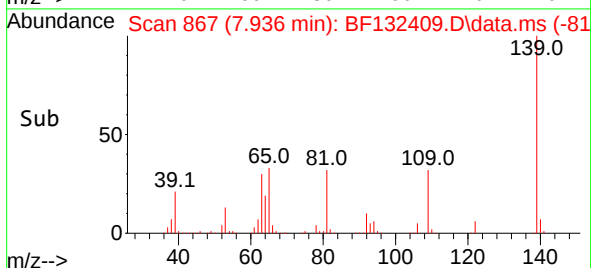
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

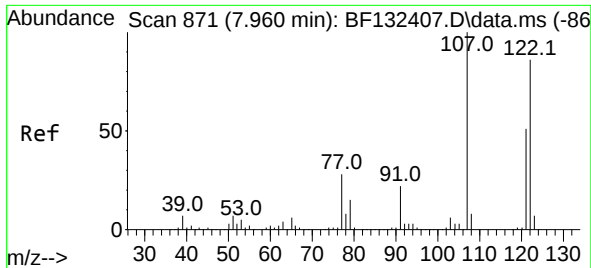


#26
2-Nitrophenol
Concen: 77.667 ng
RT: 7.936 min Scan# 867
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion:139 Resp: 235778
Ion Ratio Lower Upper
139 100
109 31.6 25.2 37.8
65 36.7 30.6 45.8





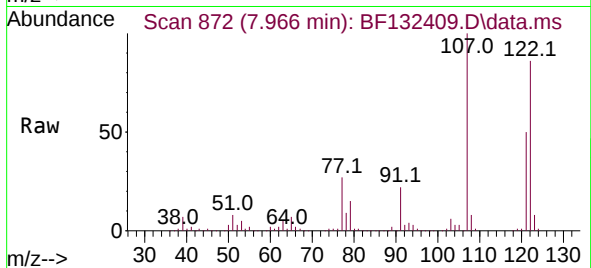
#27
2,4-Dimethylphenol
Concen: 64.227 ng
RT: 7.966 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

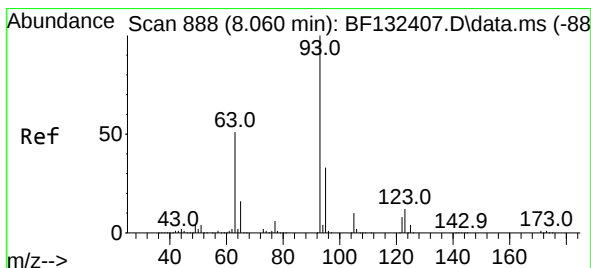
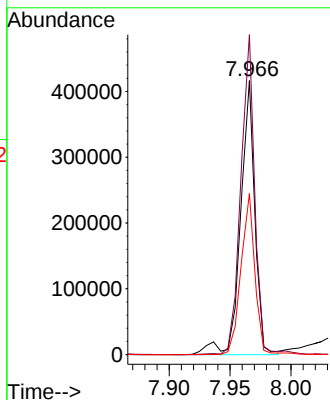
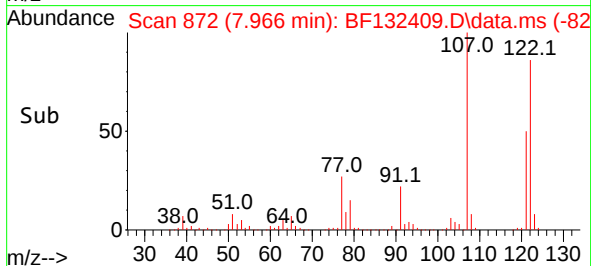


Tgt Ion:122 Resp: 341279
Ion Ratio Lower Upper
122 100
107 116.8 93.2 139.8
121 58.8 47.4 71.0

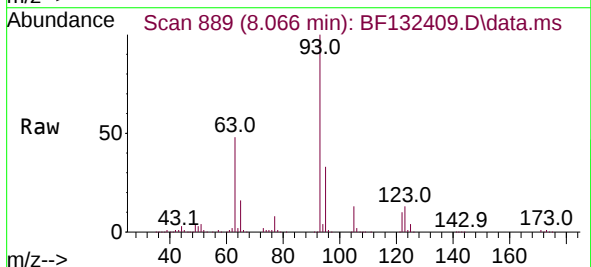
Manual Integrations

APPROVED

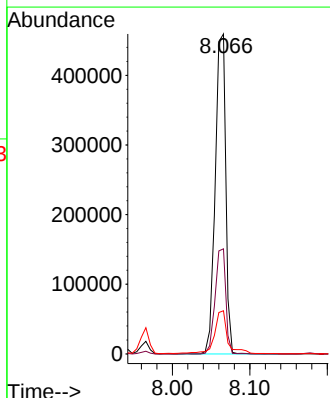
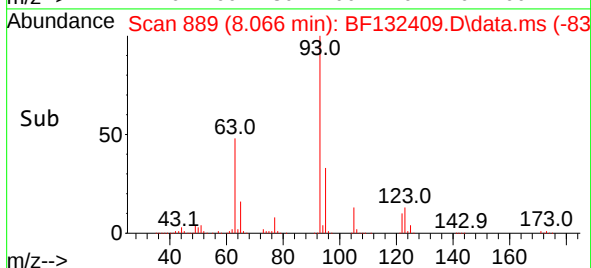
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

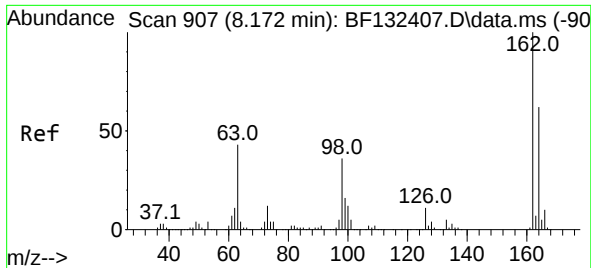


#28
bis(2-Chloroethoxy)methane
Concen: 60.967 ng
RT: 8.066 min Scan# 889
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion: 93 Resp: 433816
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 13.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 75.879 ng

RT: 8.178 min Scan# 907

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 357969

Ion Ratio Lower Upper

162 100

164 64.7 42.4 82.4

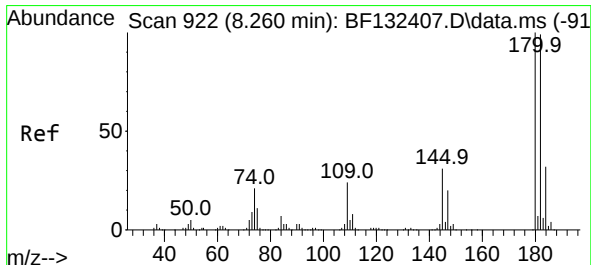
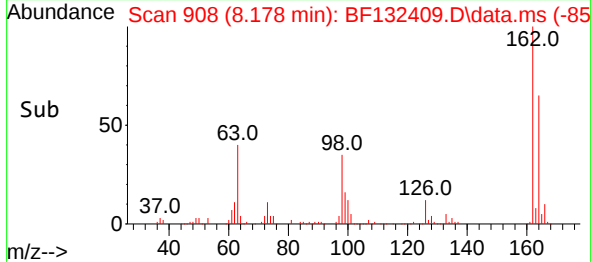
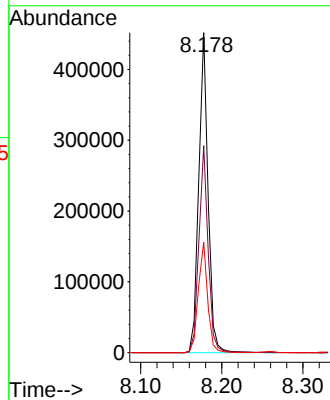
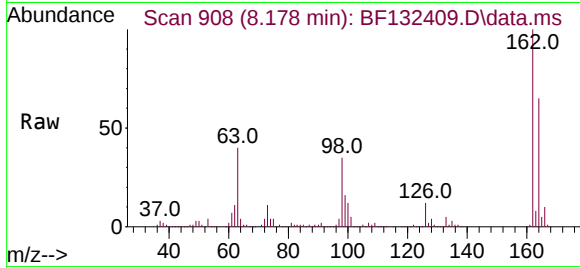
98 34.5 16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 75.325 ng

RT: 8.260 min Scan# 922

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

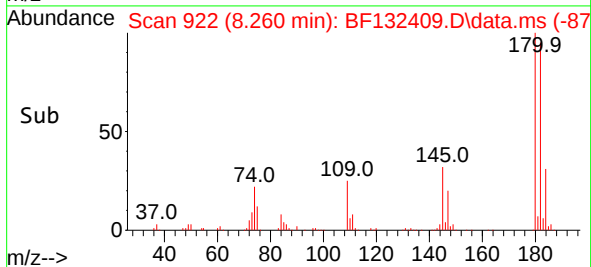
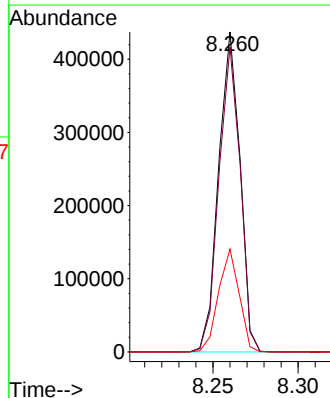
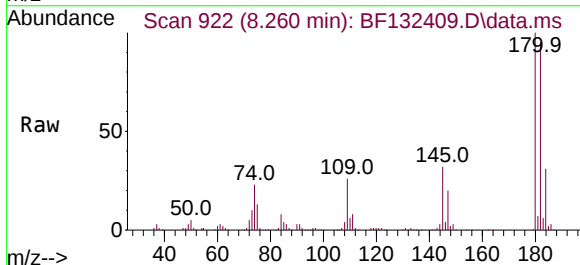
Tgt Ion:180 Resp: 380533

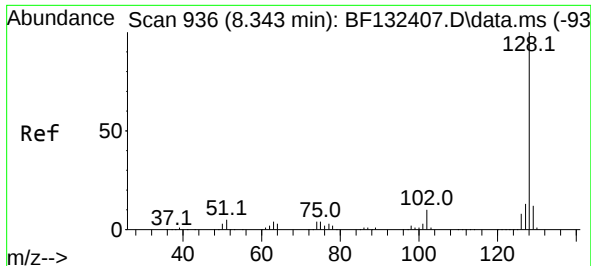
Ion Ratio Lower Upper

180 100

182 95.3 79.0 118.6

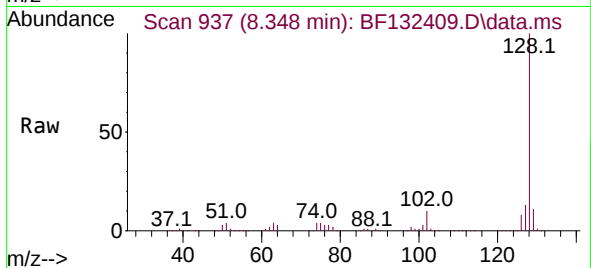
145 32.1 24.9 37.3





#31
Naphthalene
Concen: 69.791 ng
RT: 8.348 min Scan# 936
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

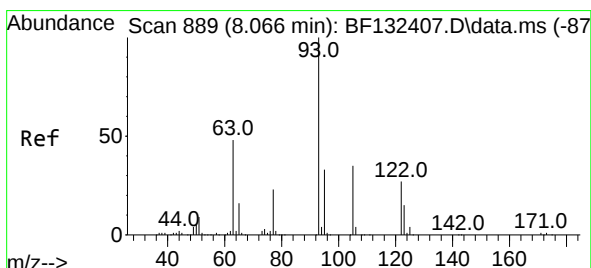
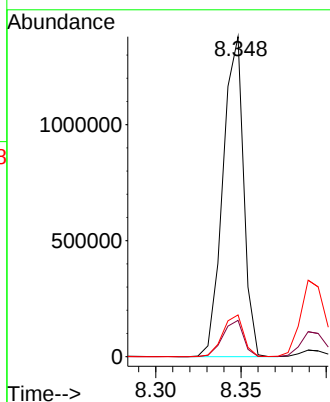
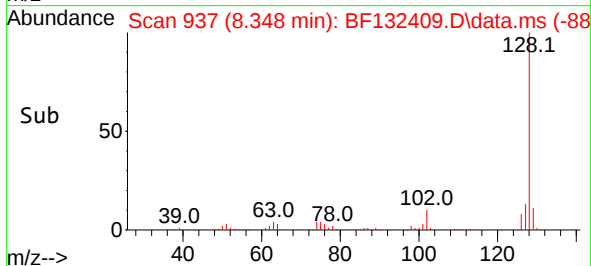
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 1166236
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.0 10.5 15.7

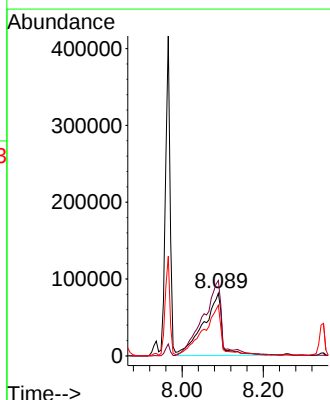
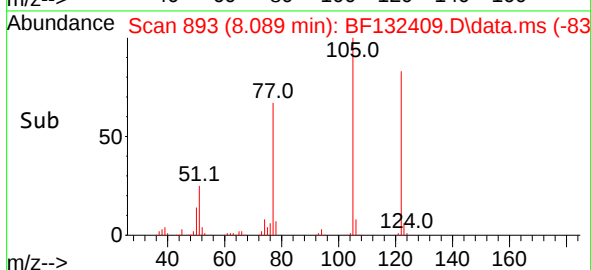
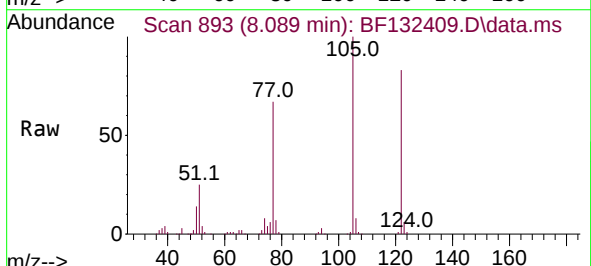
Manual Integrations
APPROVED

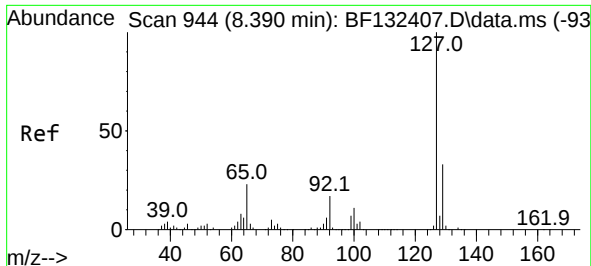
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#32
Benzoic acid
Concen: 66.673 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.023 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

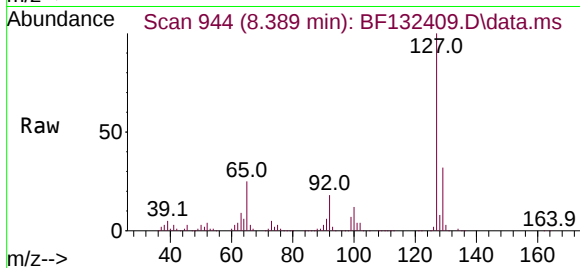
Tgt Ion:122 Resp: 262237
Ion Ratio Lower Upper
122 100
105 120.3 101.9 141.9
77 80.6 61.1 101.1





#33
4-Chloroaniline
Concen: 64.139 ng m
RT: 8.389 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

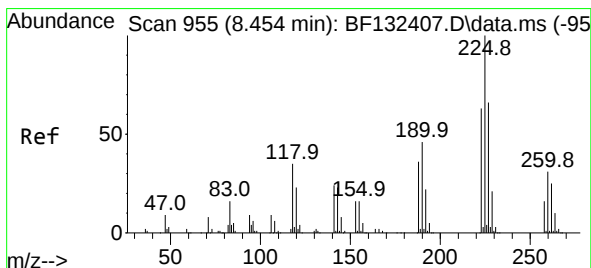
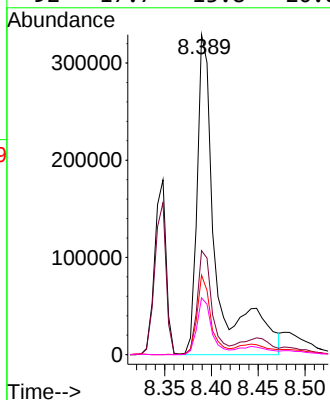
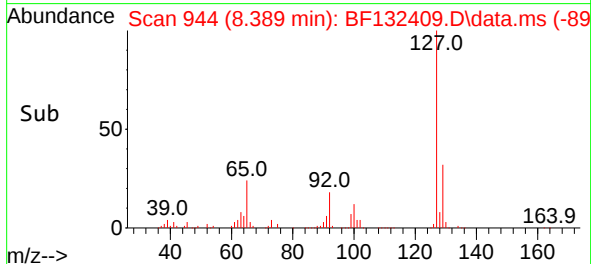
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



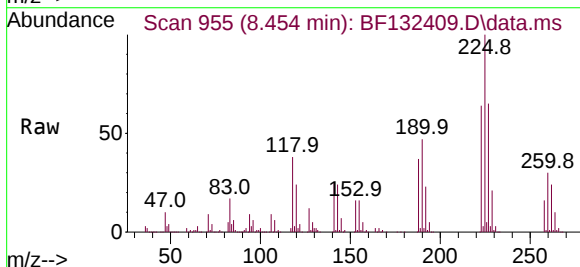
Tgt Ion:127 Resp: 475262
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 24.8 18.0 27.0
92 17.7 13.8 20.8

Manual Integrations
APPROVED

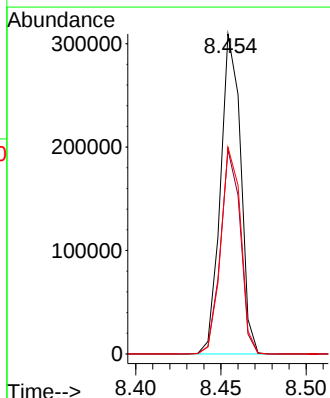
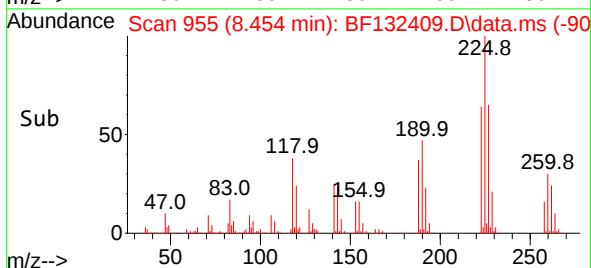
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

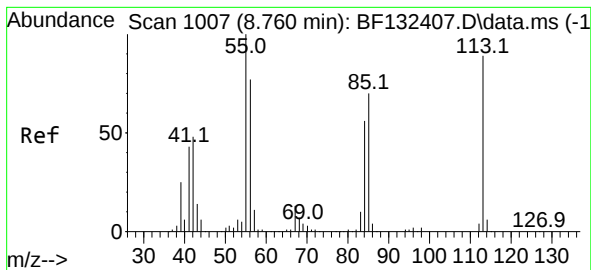


#34
Hexachlorobutadiene
Concen: 89.414 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion:225 Resp: 253938
Ion Ratio Lower Upper
225 100
223 63.8 50.2 75.4
227 64.6 53.0 79.4





#35

Caprolactam

Concen: 51.889 ng m

RT: 8.778 min Scan# 10

Delta R.T. 0.017 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

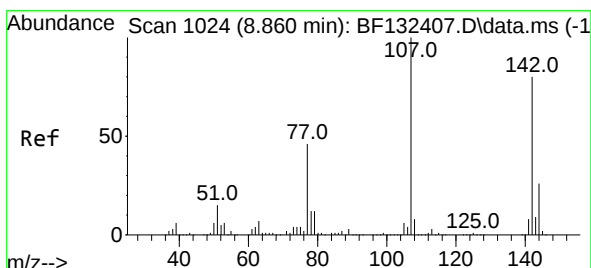
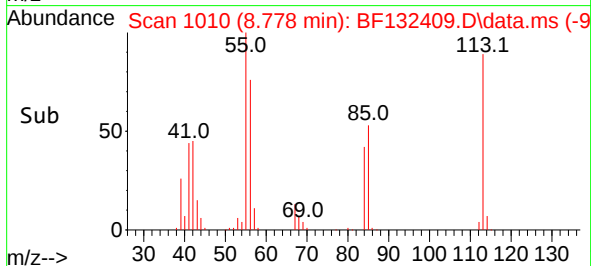
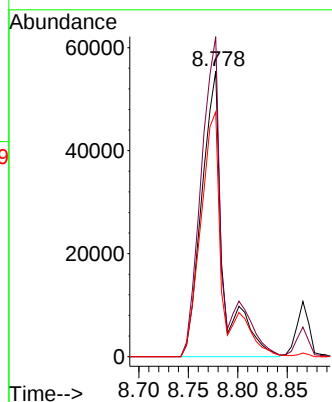
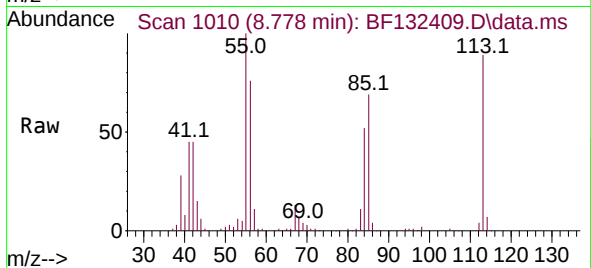
SSTDICC060

Tgt Ion:	113	Resp:	83452
Ion Ratio	Lower	Upper	
113	100		
55	112.2	92.5	132.5
56	85.8	66.6	106.6

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 57.577 ng

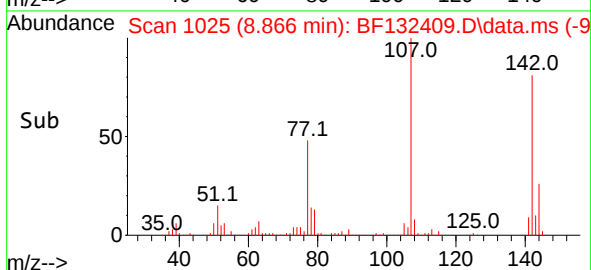
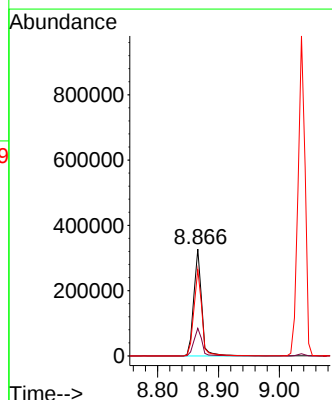
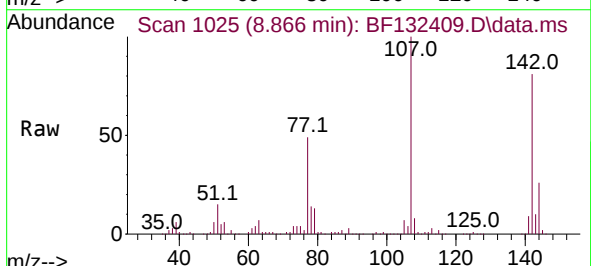
RT: 8.866 min Scan# 1025

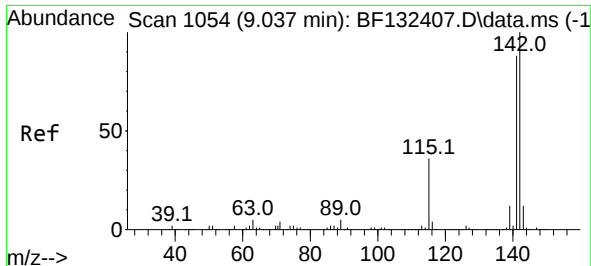
Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

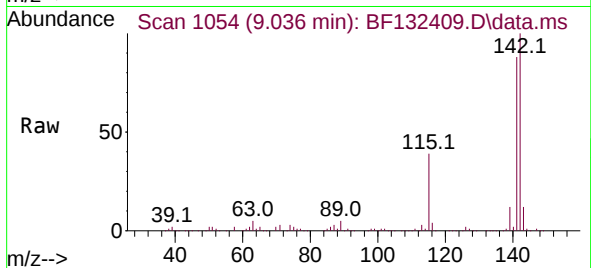
Tgt Ion:	107	Resp:	292629
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.8	31.2
142	80.8	63.9	95.9





#37
2-Methylnaphthalene
Concen: 69.501 ng
RT: 9.036 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

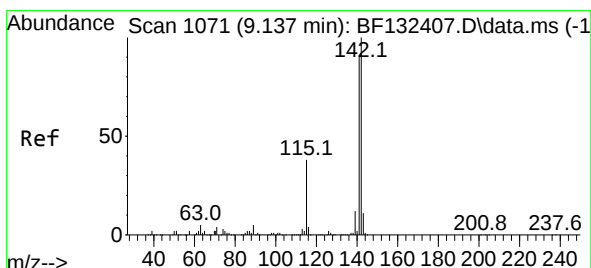
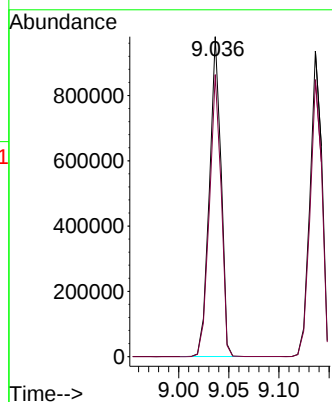
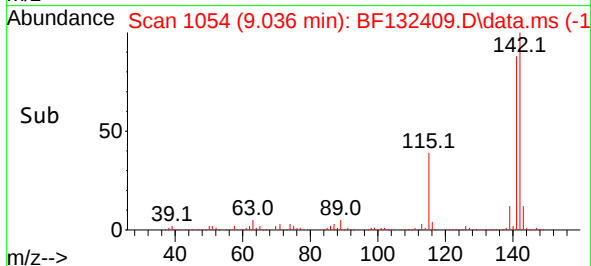
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 786672
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0

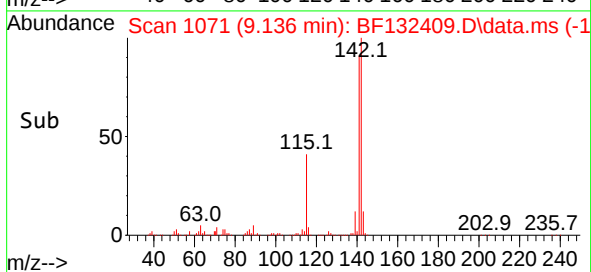
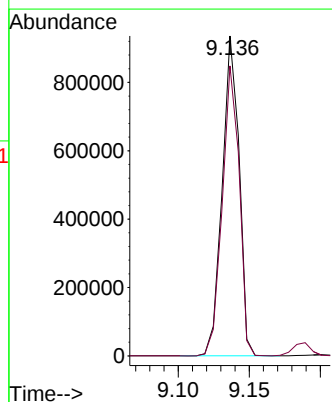
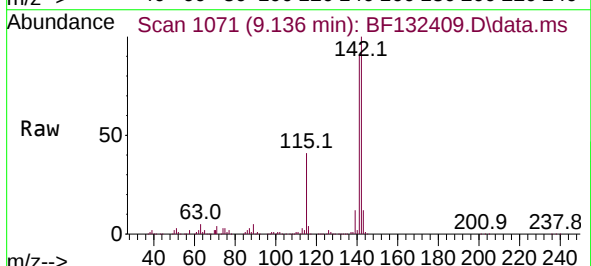
Manual Integrations
APPROVED

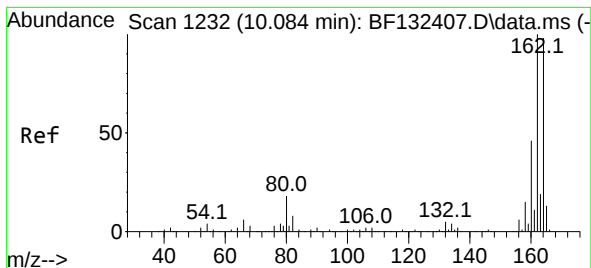
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#38
1-Methylnaphthalene
Concen: 73.384 ng
RT: 9.136 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:142 Resp: 771905
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.089 min Scan# 1232

Delta R.T. 0.005 min

Lab File: BF132409.D

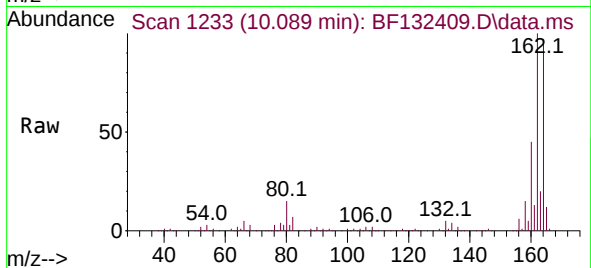
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:164 Resp: 235976

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

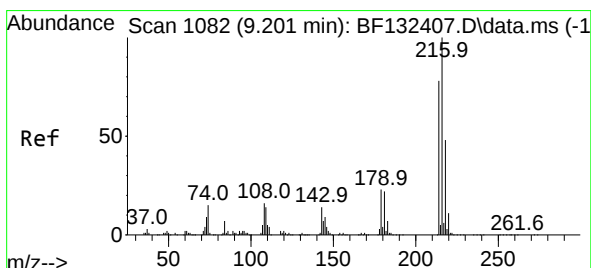
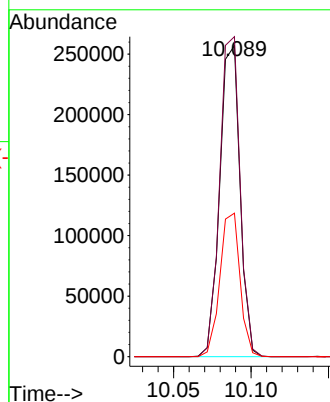
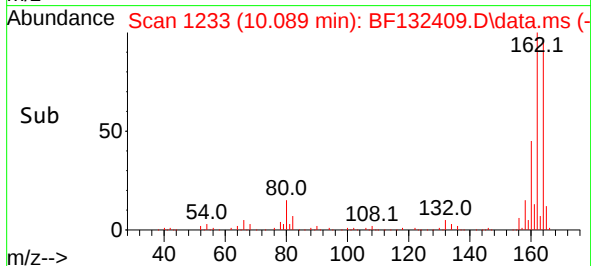
160 46.1 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.917 ng

RT: 9.201 min Scan# 1082

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Tgt Ion:216 Resp: 391249

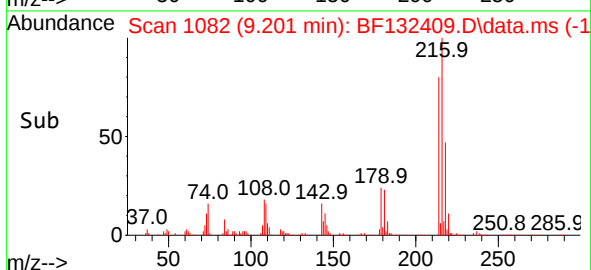
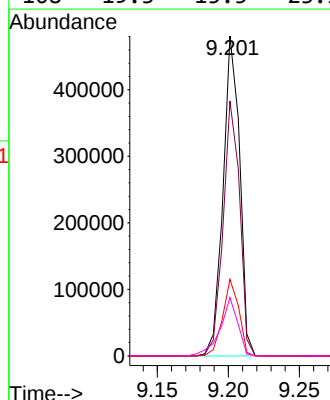
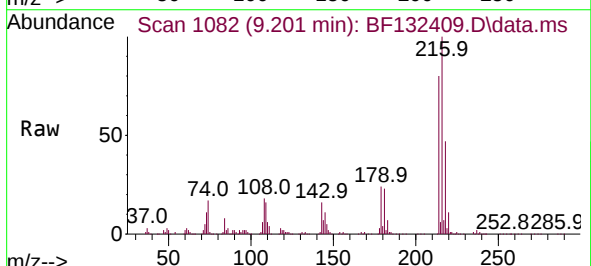
Ion Ratio Lower Upper

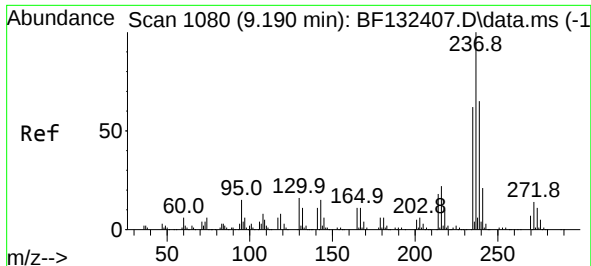
216 100

214 79.0 63.0 94.4

179 23.2 18.1 27.1

108 19.3 15.5 23.3





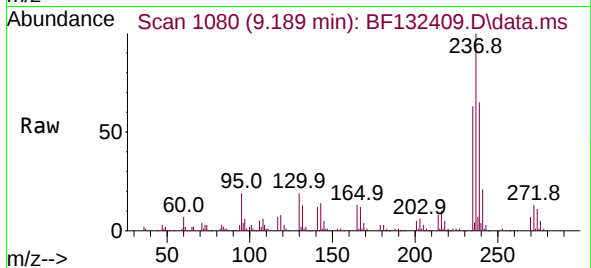
#41
Hexachlorocyclopentadiene
Concen: 67.543 ng
RT: 9.189 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

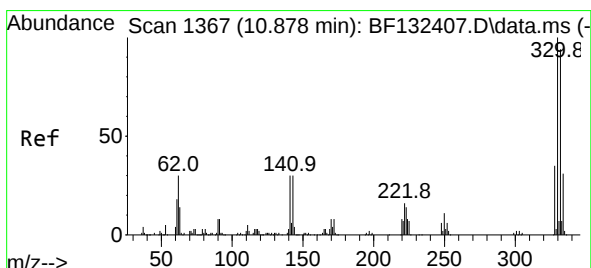
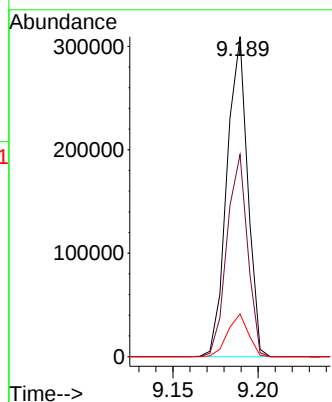
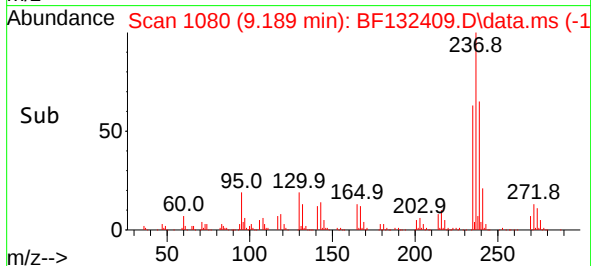


Tgt Ion: 237 Resp: 261685
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 13.3 0.0 33.8

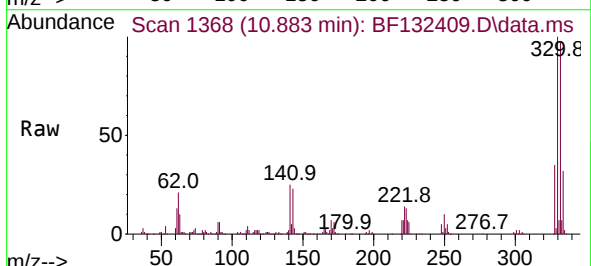
Manual Integrations

APPROVED

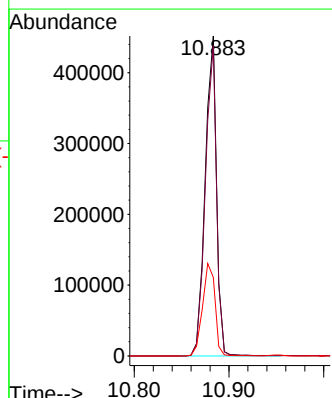
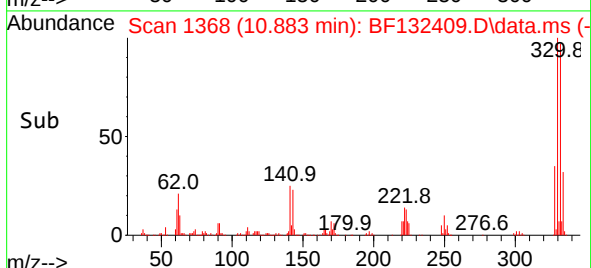
Reviewed By : Christian Giraldo 02/14/2023
Supervised By : Jagrut Upadhyay 02/14/2023

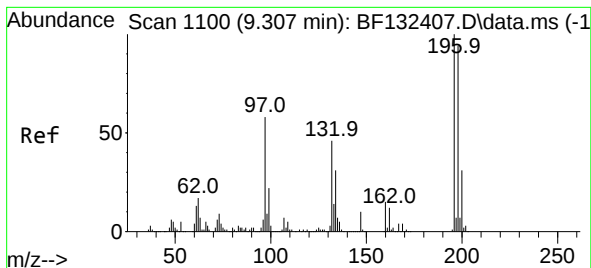


#42
2,4,6-Tribromophenol
Concen: 155.291 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion: 330 Resp: 376844
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 31.6 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 60.447 ng

RT: 9.313 min Scan# 1101

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 286936

Ion Ratio Lower Upper

196 100

198 97.5 75.1 112.7

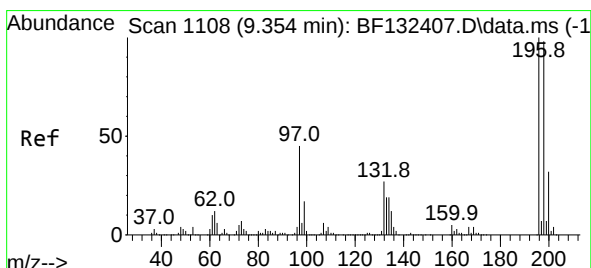
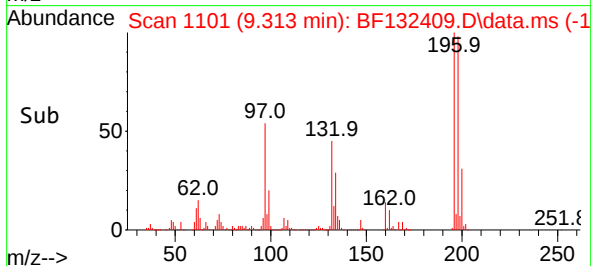
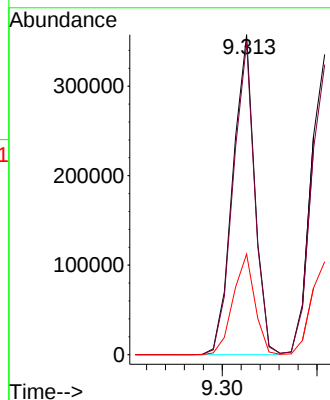
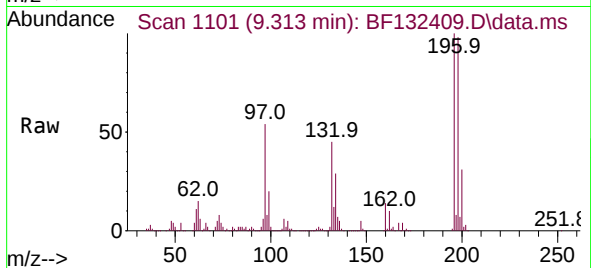
200 31.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#44

2,4,5-Trichlorophenol

Concen: 59.206 ng

RT: 9.354 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Tgt Ion:196 Resp: 323483

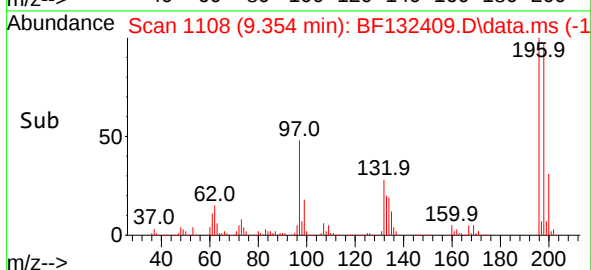
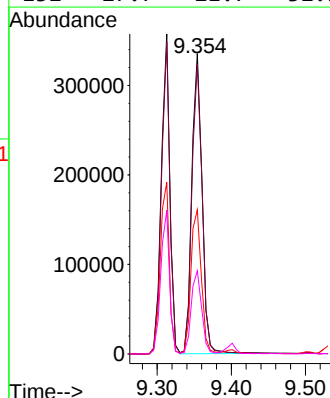
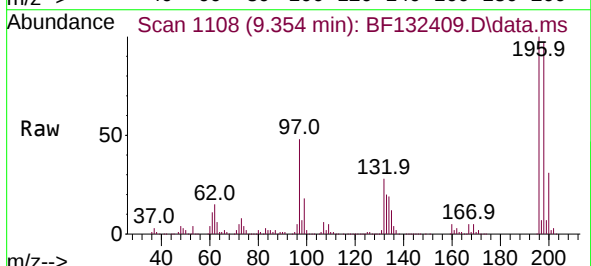
Ion Ratio Lower Upper

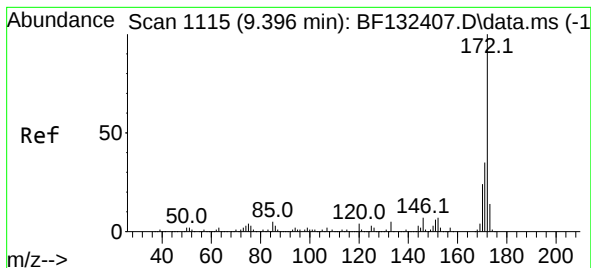
196 100

198 96.6 78.0 117.0

97 48.0 35.6 53.4

132 27.7 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 114.768 ng

RT: 9.401 min Scan# 1116

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 1753768

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

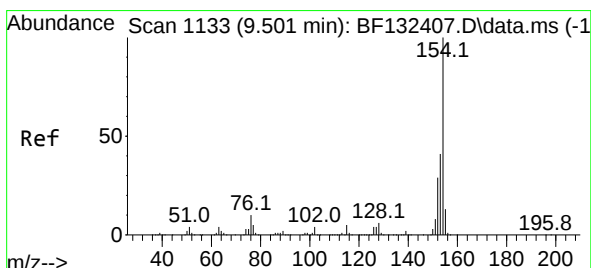
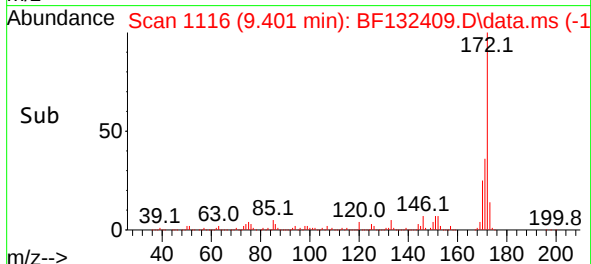
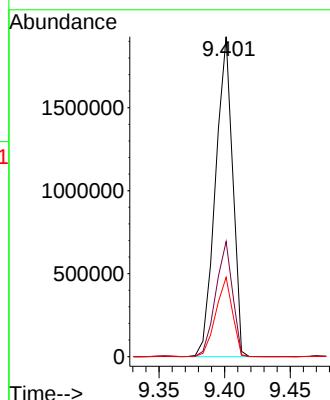
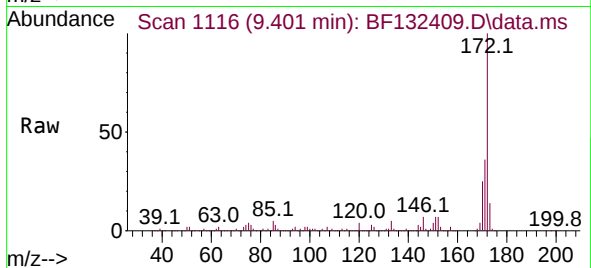
170 24.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#46

1,1'-Biphenyl

Concen: 59.933 ng

RT: 9.501 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

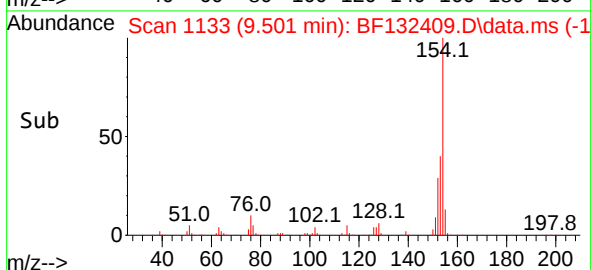
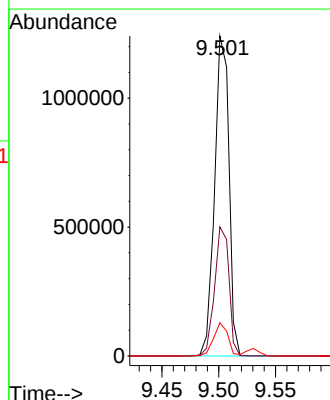
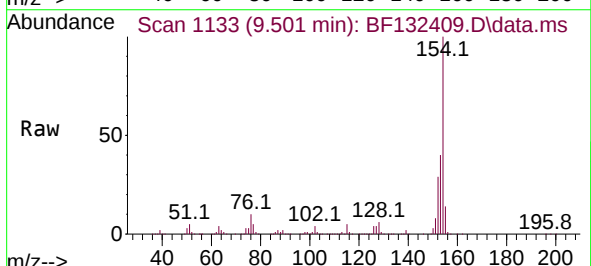
Tgt Ion:154 Resp: 1090325

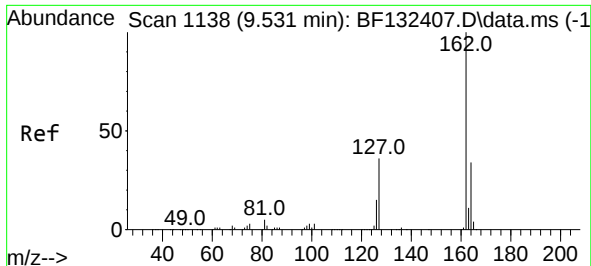
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 10.3 0.0 29.8





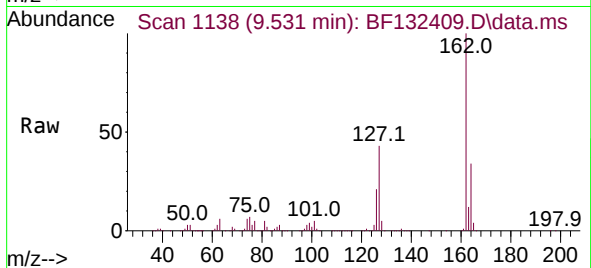
#47
2-Chloronaphthalene
Concen: 60.409 ng
RT: 9.531 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

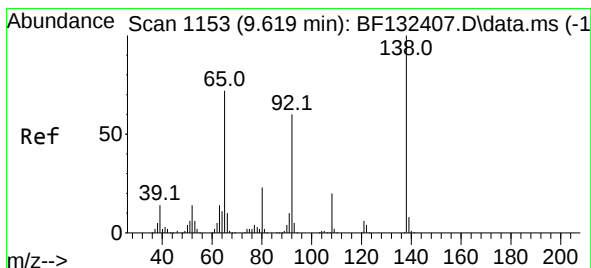
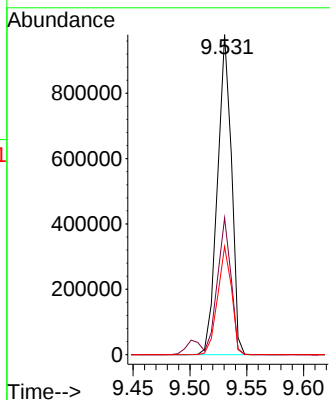
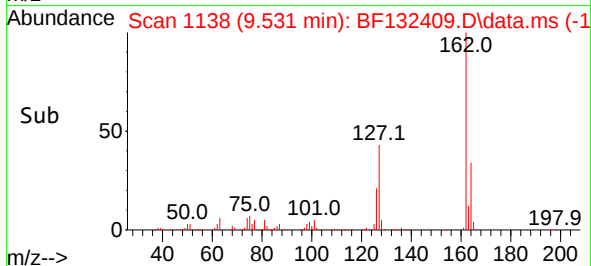
SSTDICC060



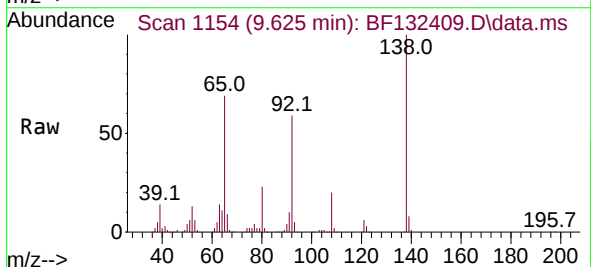
Tgt Ion:162 Resp: 83704
Ion Ratio Lower Upper
162 100
127 42.7 31.6 47.4
164 33.8 26.8 40.2

Manual Integrations
APPROVED

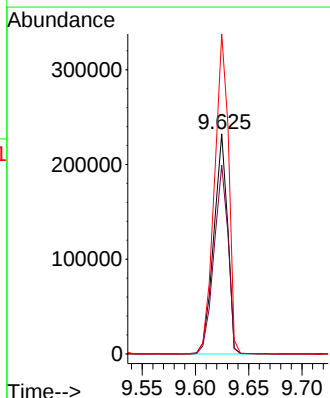
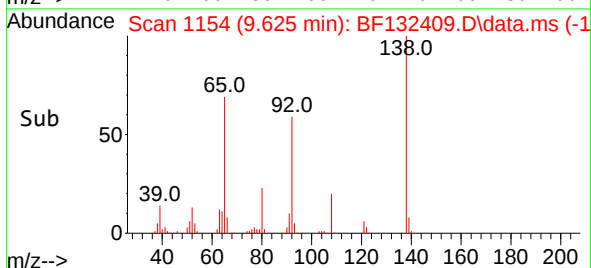
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

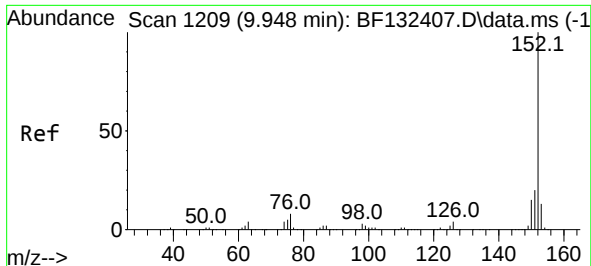


#48
2-Nitroaniline
Concen: 50.975 ng
RT: 9.625 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion: 65 Resp: 210065
Ion Ratio Lower Upper
65 100
92 85.7 67.2 100.8
138 145.4 111.2 166.8





#49

Acenaphthylene

Concen: 59.305 ng

RT: 9.948 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF132409.D

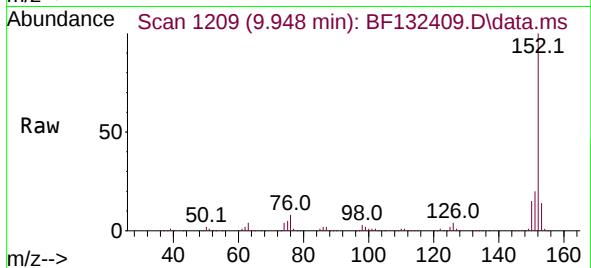
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 1341144

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

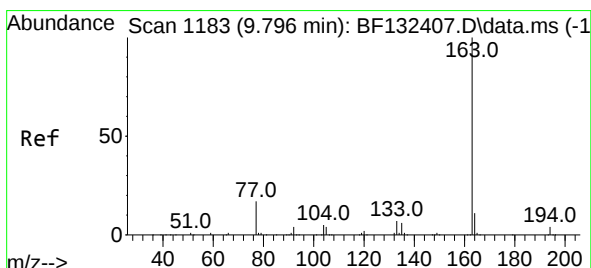
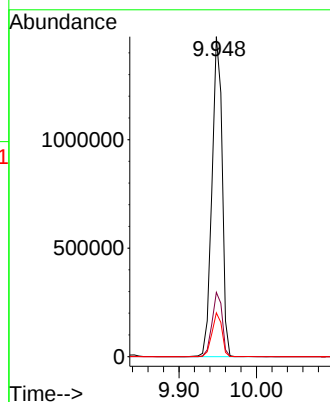
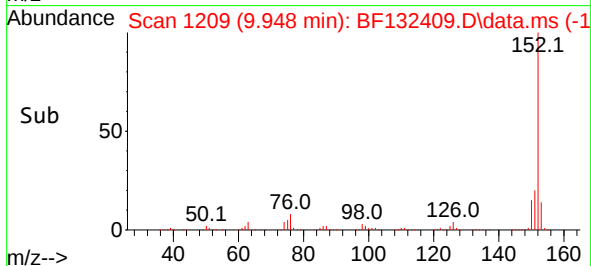
153 13.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#50

Dimethylphthalate

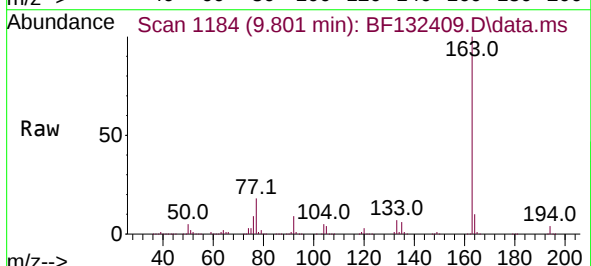
Concen: 62.647 ng

RT: 9.801 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34



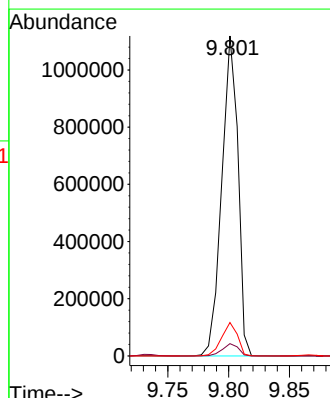
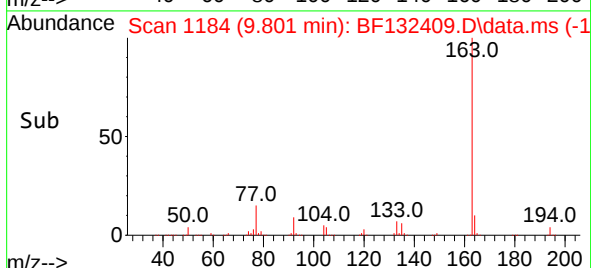
Tgt Ion:163 Resp: 1034086

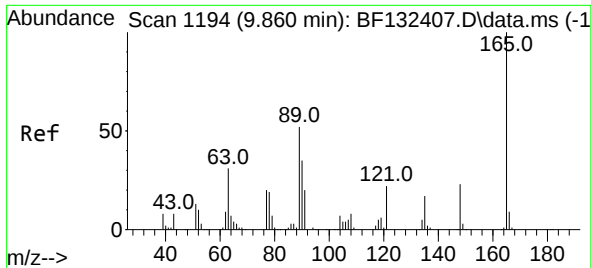
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 63.501 ng
RT: 9.866 min Scan# 1194
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

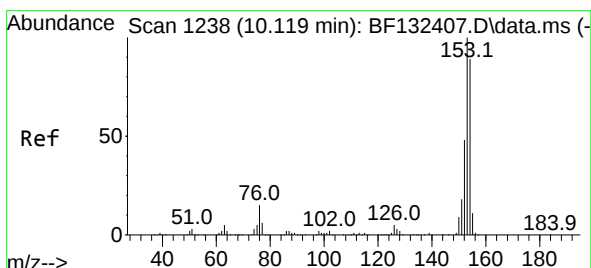
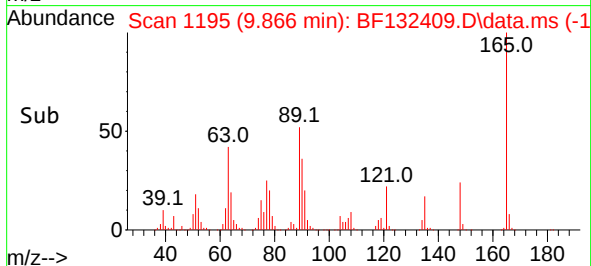
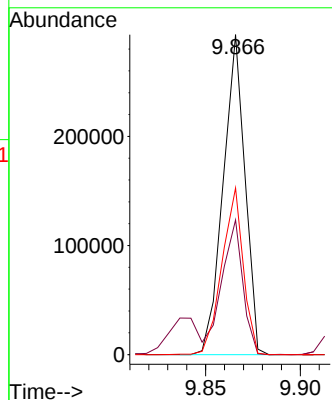
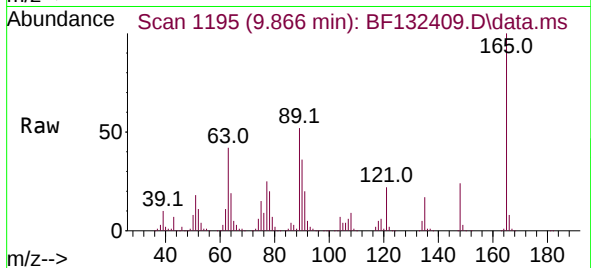
SSTDICC060

Tgt Ion:165 Resp: 234100
Ion Ratio Lower Upper
165 100
63 42.1 34.0 51.0
89 52.1 41.8 62.6

Manual Integrations

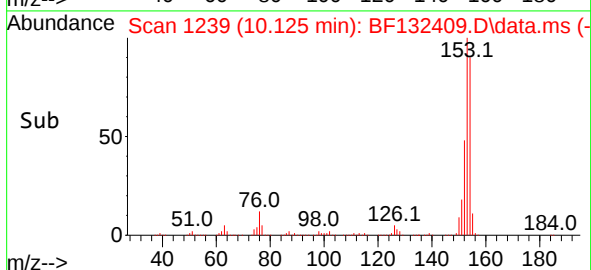
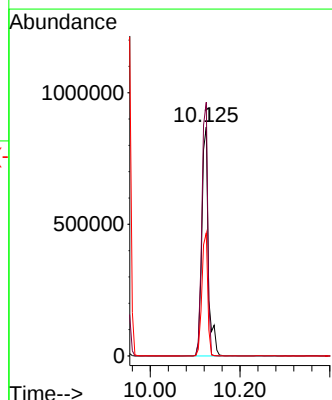
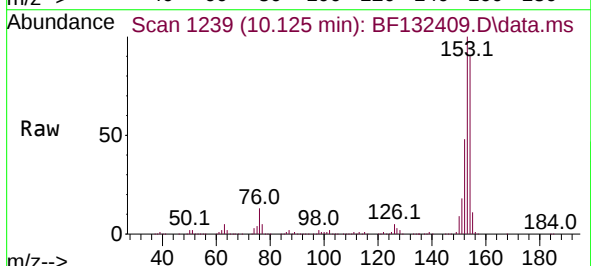
APPROVED

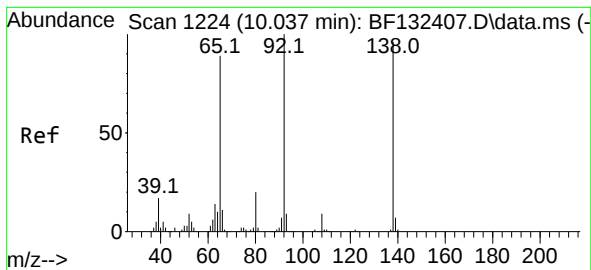
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#52
Acenaphthene
Concen: 61.875 ng
RT: 10.125 min Scan# 1239
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

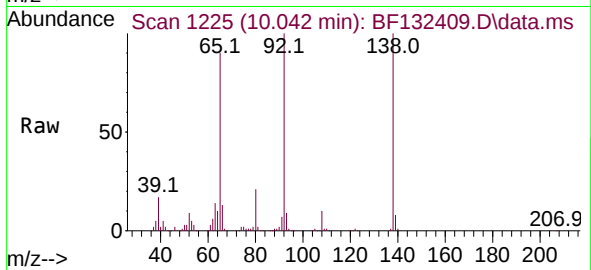
Tgt Ion:154 Resp: 876024
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.6
152 53.7 42.7 64.1





#53
3-Nitroaniline
Concen: 59.411 ng
RT: 10.042 min Scan# 1225
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

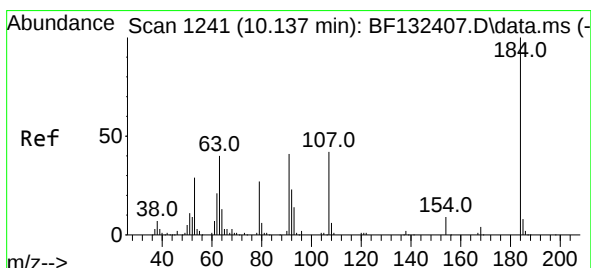
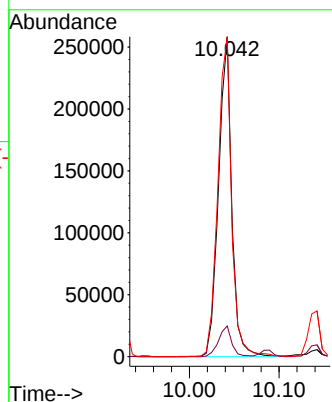
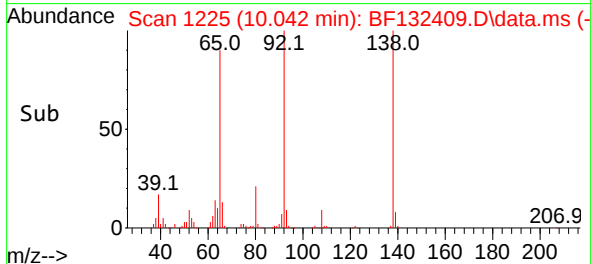
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 265610
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 99.8 83.7 125.5

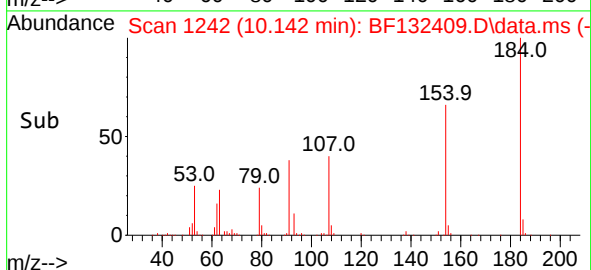
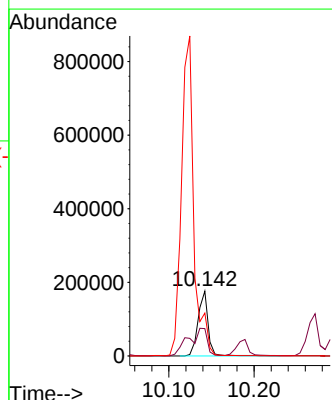
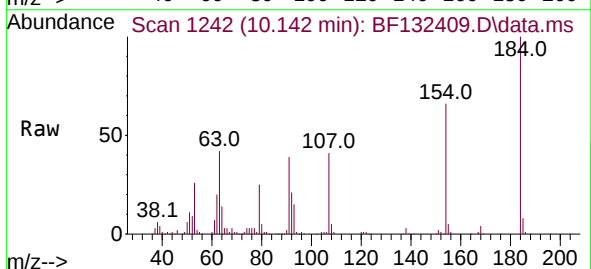
Manual Integrations
APPROVED

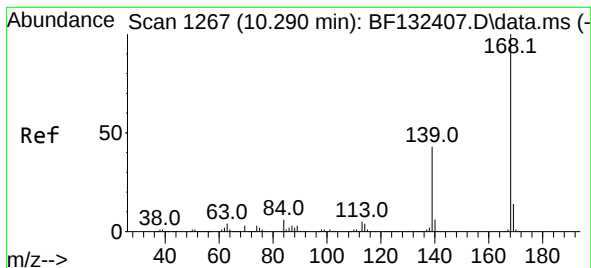
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#54
2,4-Dinitrophenol
Concen: 75.262 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

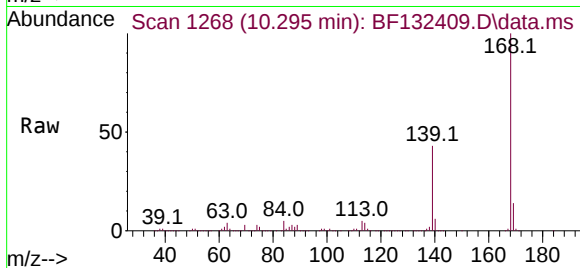
Tgt Ion:184 Resp: 143103
Ion Ratio Lower Upper
184 100
63 42.2 36.2 54.2
154 66.0 51.4 77.0





#55
Dibenzenofuran
Concen: 59.990 ng
RT: 10.295 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

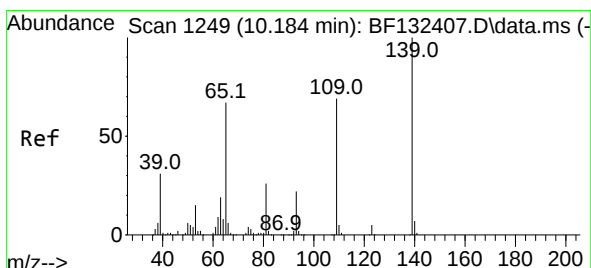
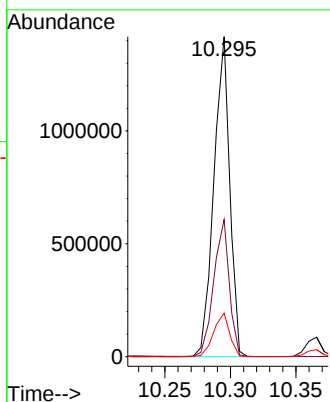
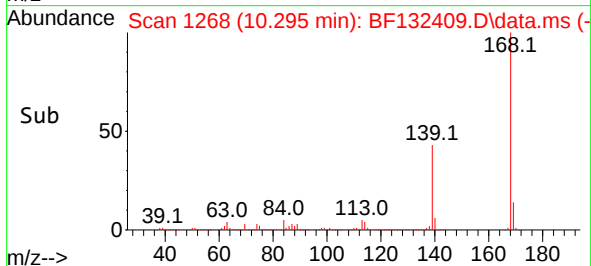
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 1193333
Ion Ratio Lower Upper
168 100
139 42.8 34.6 52.0
169 13.6 11.2 16.8

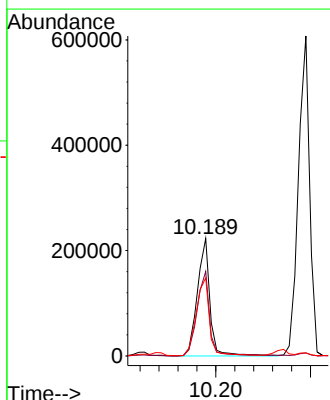
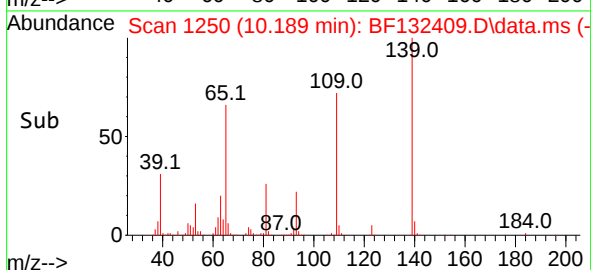
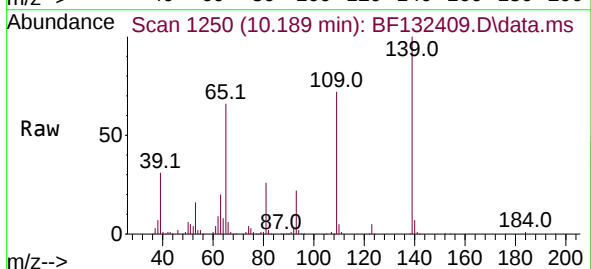
Manual Integrations
APPROVED

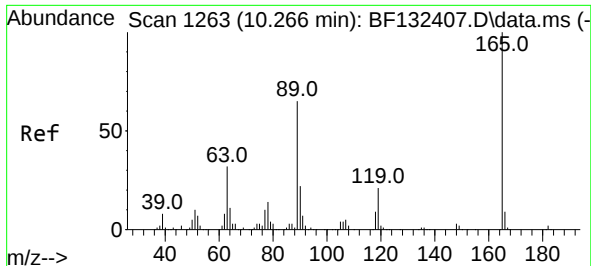
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#56
4-Nitrophenol
Concen: 61.050 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:139 Resp: 205387
Ion Ratio Lower Upper
139 100
109 71.9 49.4 89.4
65 66.4 47.6 87.6





#57
2,4-Dinitrotoluene
Concen: 65.077 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

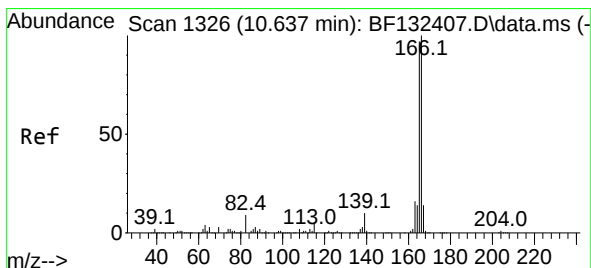
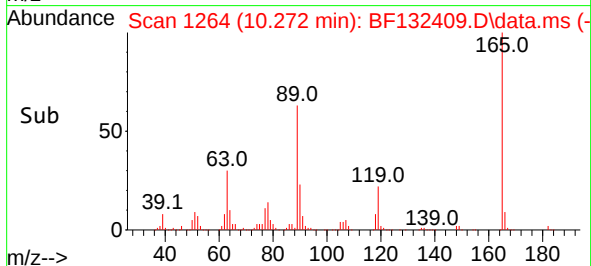
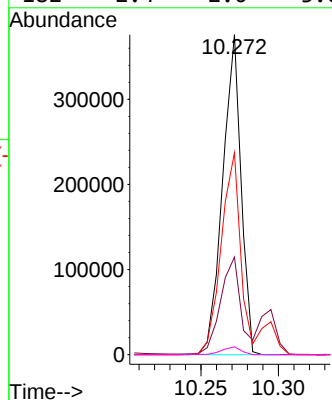
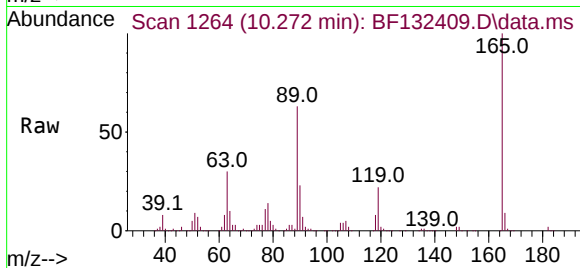
SSTDICC060

Tgt Ion:165 Resp: 311644
Ion Ratio Lower Upper
165 100
63 30.5 25.4 38.2
89 63.1 52.2 78.2
182 2.4 2.0 3.0

Manual Integrations

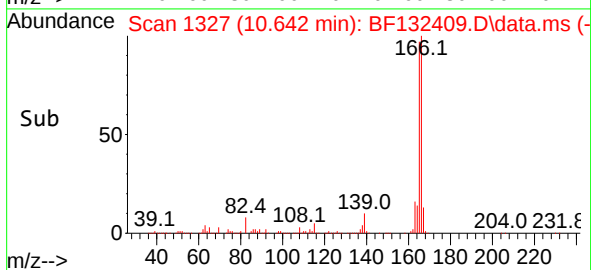
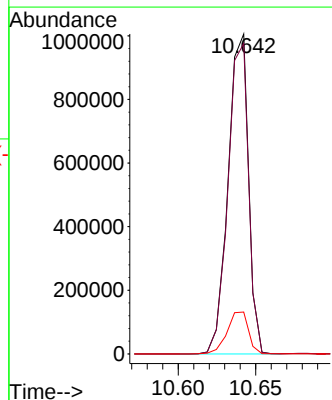
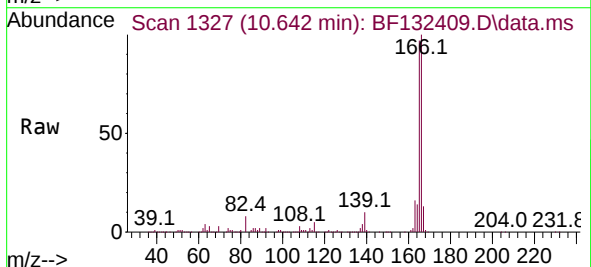
APPROVED

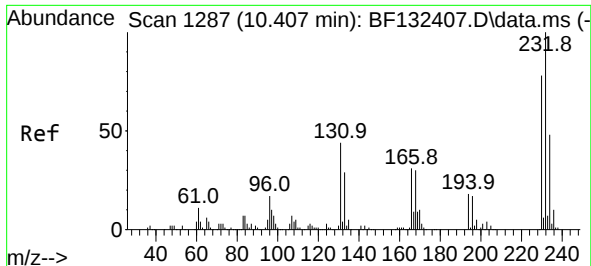
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#58
Fluorene
Concen: 60.192 ng
RT: 10.642 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

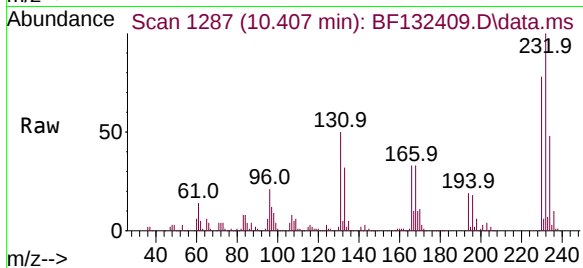
Tgt Ion:166 Resp: 921492
Ion Ratio Lower Upper
166 100
165 97.0 77.5 116.3
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 66.613 ng
RT: 10.407 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

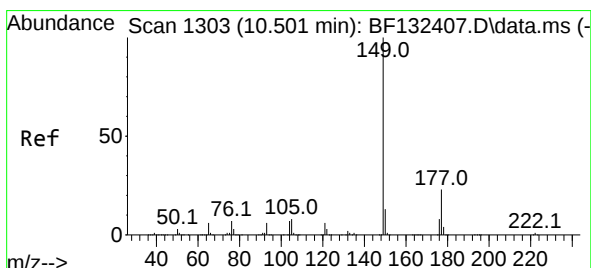
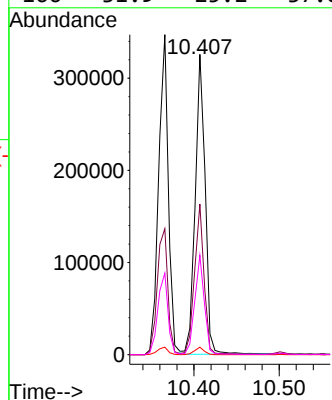
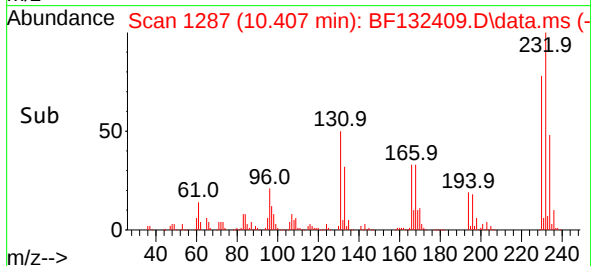
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



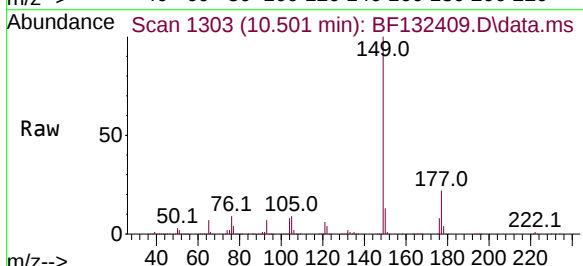
Tgt Ion:232 Resp: 265325
Ion Ratio Lower Upper
232 100
131 48.1 37.9 56.9
130 2.3 1.9 2.9
166 31.9 25.2 37.8

Manual Integrations
APPROVED

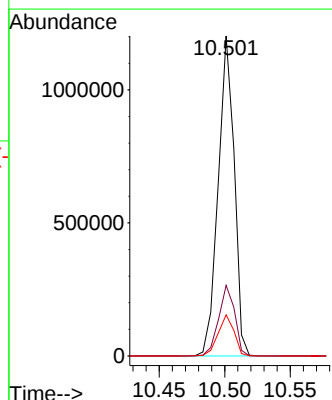
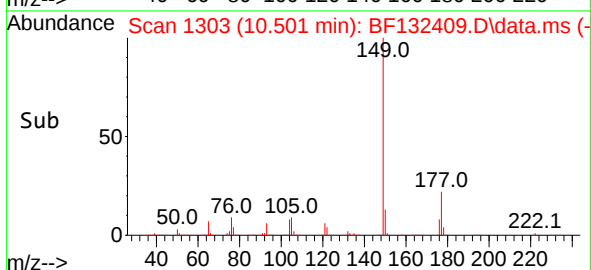
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

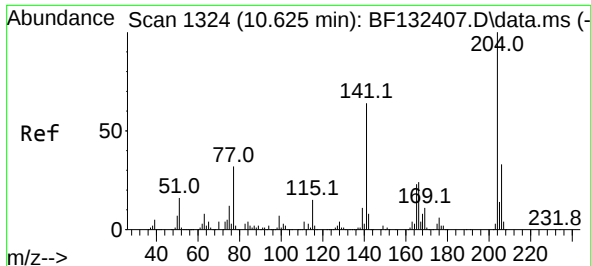


#60
Diethylphthalate
Concen: 62.506 ng
RT: 10.501 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



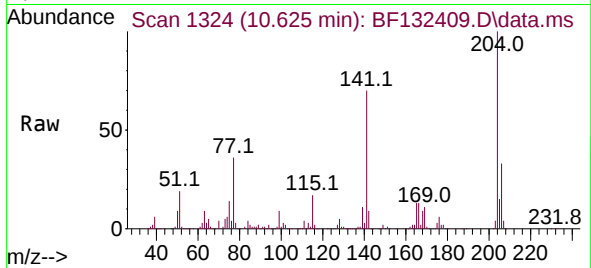
Tgt Ion:149 Resp: 1026417
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 64.359 ng
RT: 10.625 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

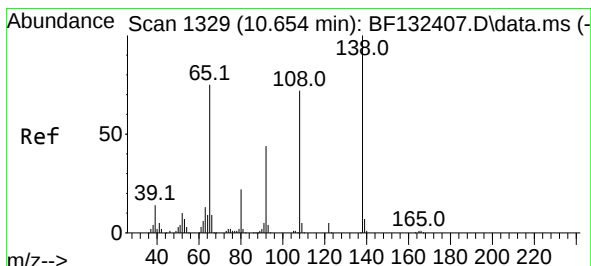
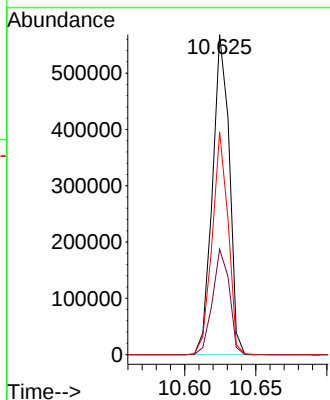
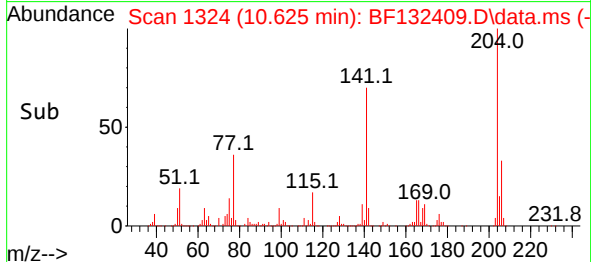
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



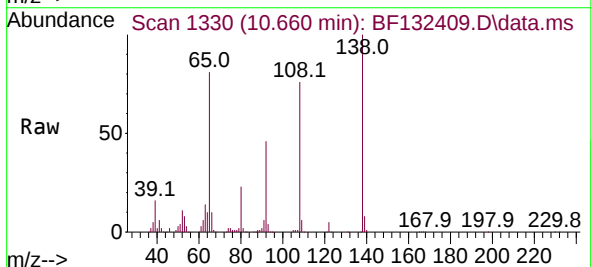
Tgt Ion:204 Resp: 467601
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 69.6 50.9 76.3

Manual Integrations
APPROVED

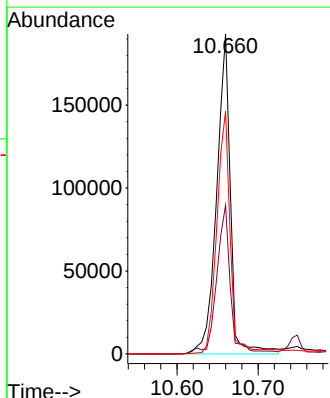
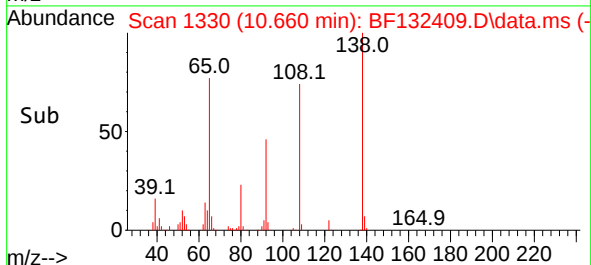
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

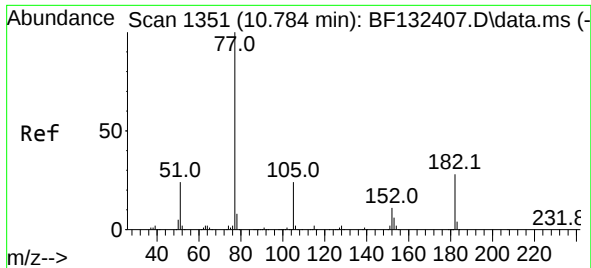


#62
4-Nitroaniline
Concen: 53.062 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



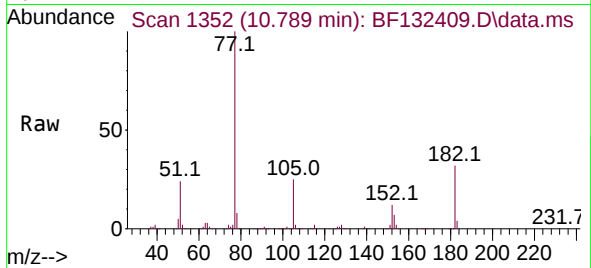
Tgt Ion:138 Resp: 227487
Ion Ratio Lower Upper
138 100
92 46.5 24.3 64.3
108 75.9 52.4 92.4





#63
Azobenzene
Concen: 50.238 ng
RT: 10.789 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

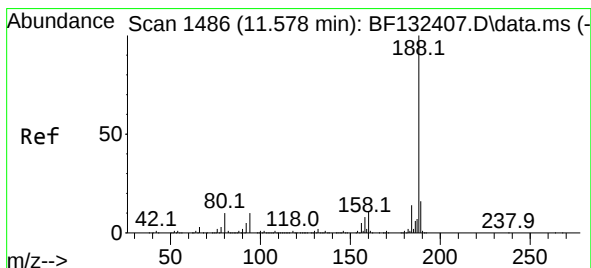
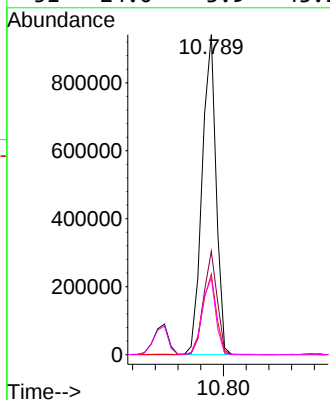
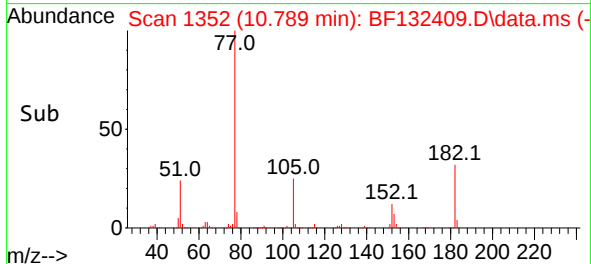
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



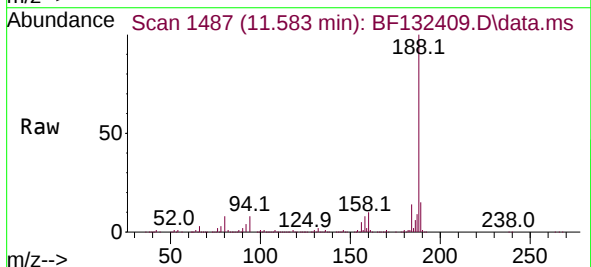
Tgt Ion: 77 Resp: 803552
Ion Ratio Lower Upper
77 100
182 32.3 8.3 48.3
105 25.1 3.9 43.9
51 24.0 3.9 43.9

Manual Integrations
APPROVED

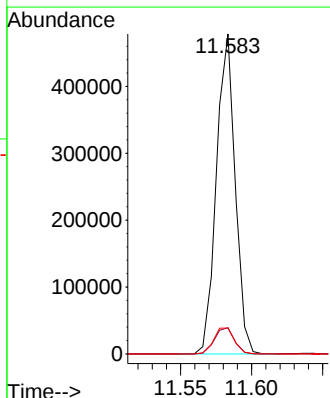
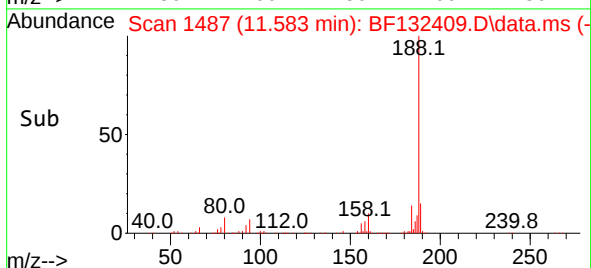
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

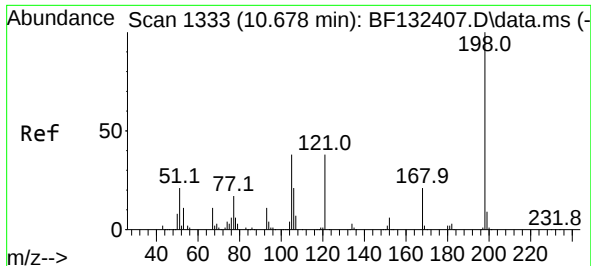


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



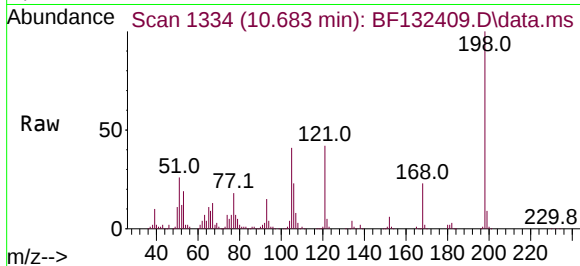
Tgt Ion:188 Resp: 440421
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.1 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 71.742 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

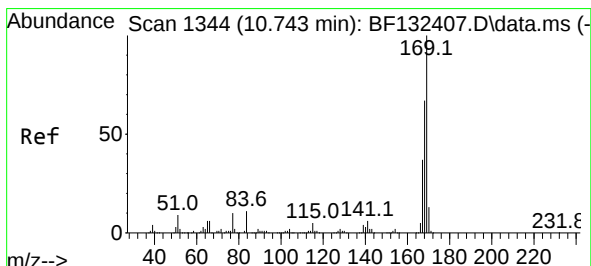
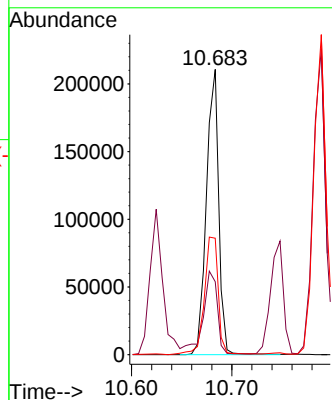
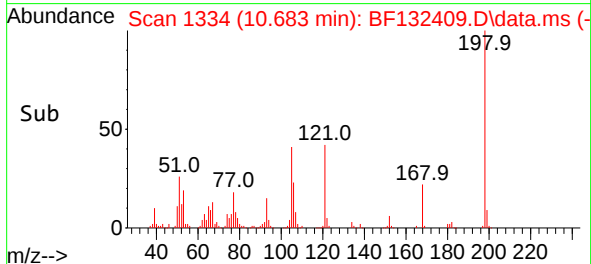
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



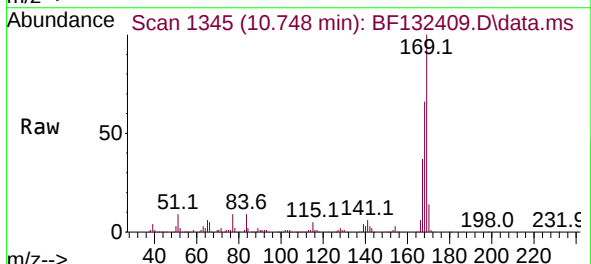
Tgt Ion:198 Resp: 179329
Ion Ratio Lower Upper
198 100
51 25.6 4.6 44.6
105 40.8 19.3 59.3

Manual Integrations
APPROVED

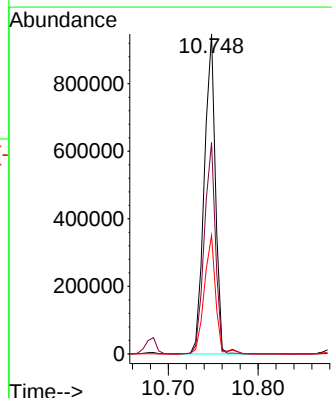
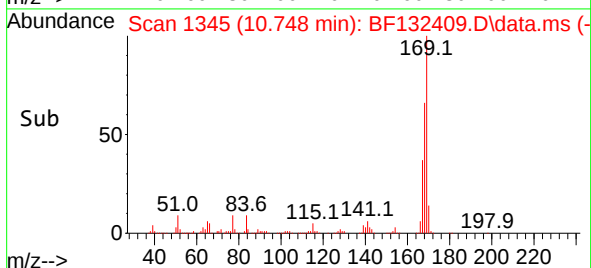
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

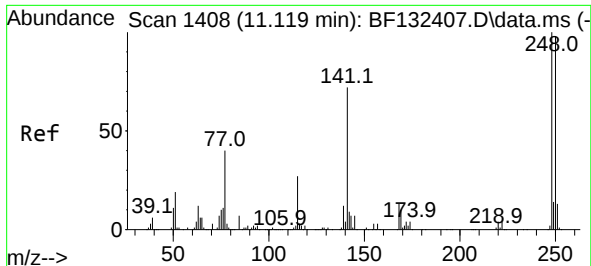


#66
n-Nitrosodiphenylamine
Concen: 59.045 ng
RT: 10.748 min Scan# 1345
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion:169 Resp: 814298
Ion Ratio Lower Upper
169 100
168 66.0 53.5 80.3
167 37.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 66.497 ng
RT: 11.119 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

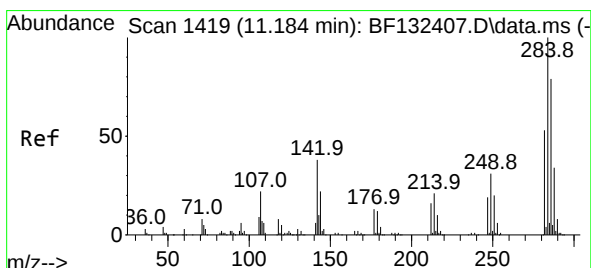
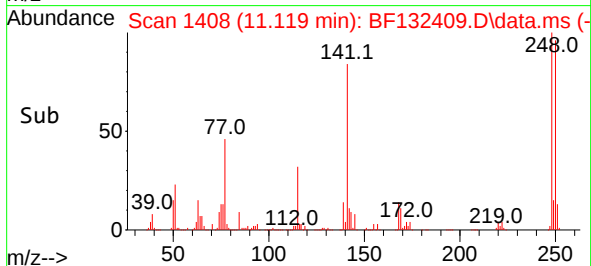
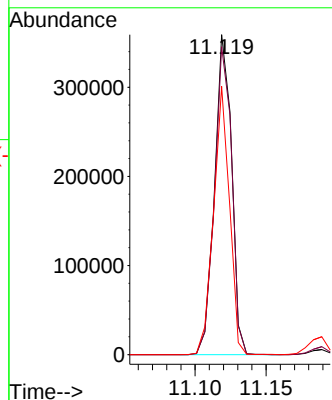
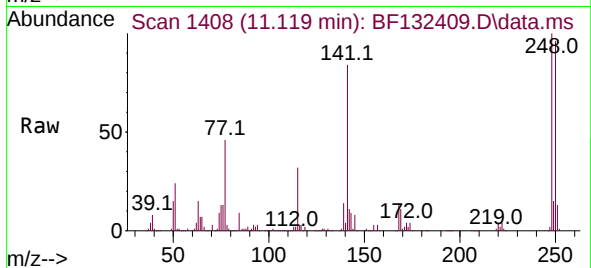
SSTDICC060

Tgt Ion:248 Resp: 299893
Ion Ratio Lower Upper
248 100
250 96.2 78.1 117.1
141 83.8 57.9 86.9

Manual Integrations

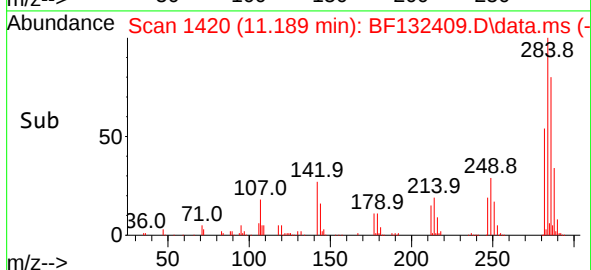
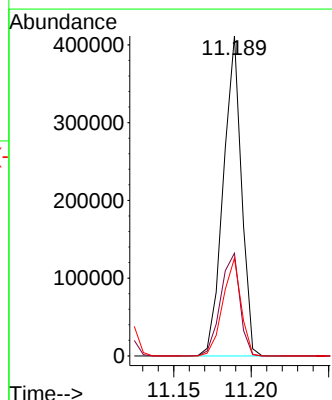
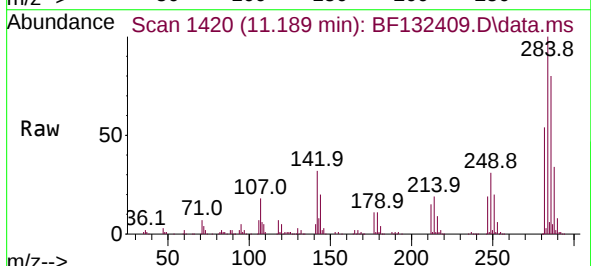
APPROVED

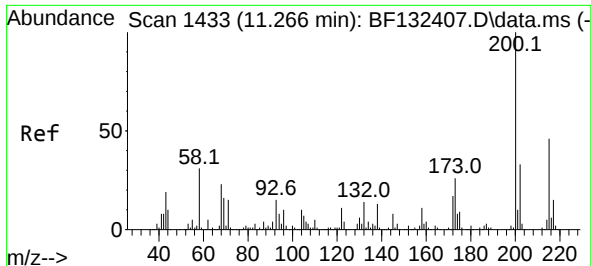
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#68
Hexachlorobenzene
Concen: 69.417 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

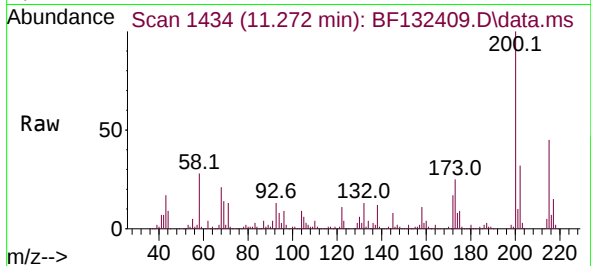
Tgt Ion:284 Resp: 334613
Ion Ratio Lower Upper
284 100
142 32.1 30.1 45.1
249 30.5 25.0 37.4





#69
Atrazine
Concen: 63.636 ng
RT: 11.272 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

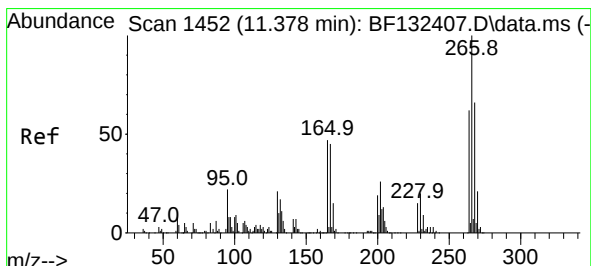
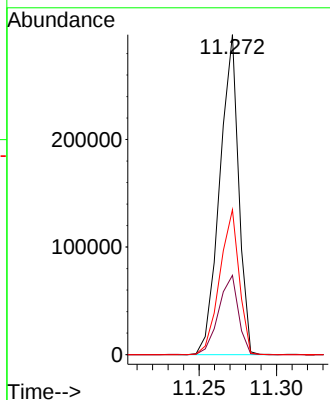
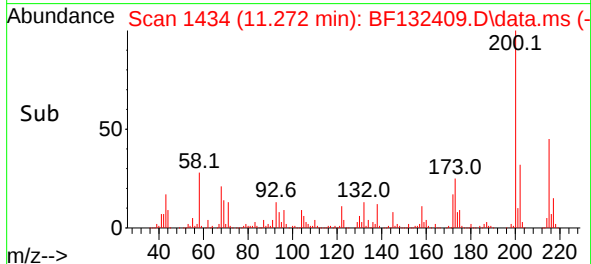
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



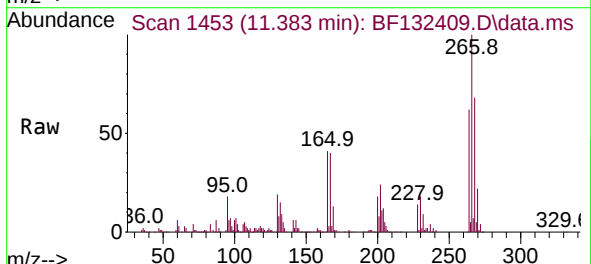
Tgt Ion:200 Resp: 252432
Ion Ratio Lower Upper
200 100
173 24.8 6.3 46.3
215 45.3 26.1 66.1

Manual Integrations
APPROVED

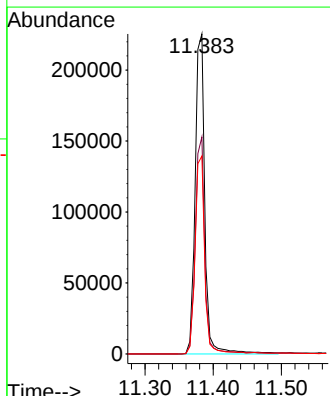
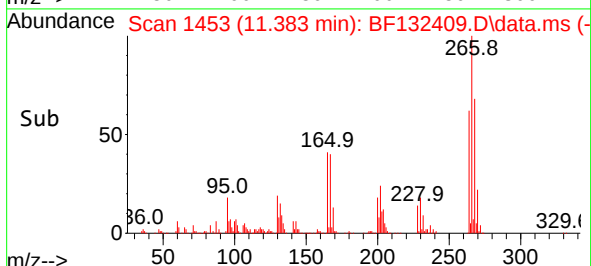
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

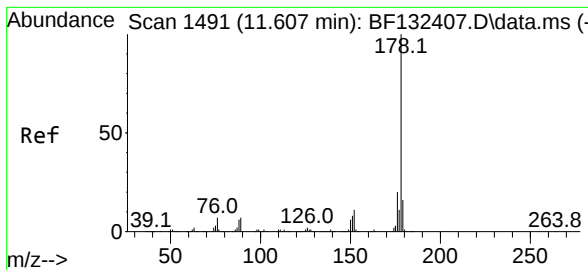


#70
Pentachlorophenol
Concen: 67.161 ng
RT: 11.383 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion:266 Resp: 222438
Ion Ratio Lower Upper
266 100
268 67.8 53.0 79.4
264 61.8 49.6 74.4





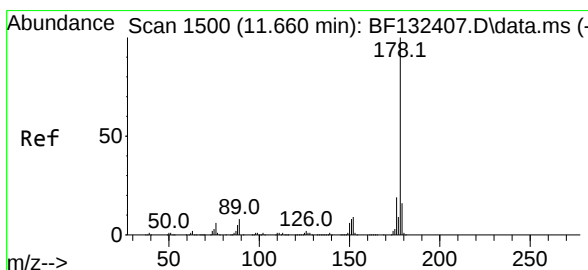
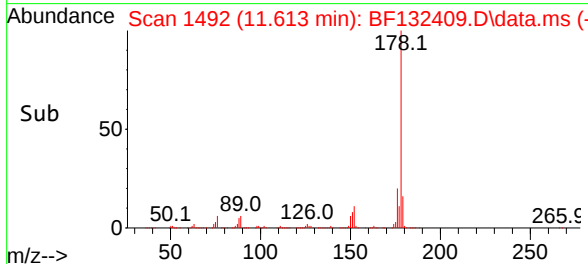
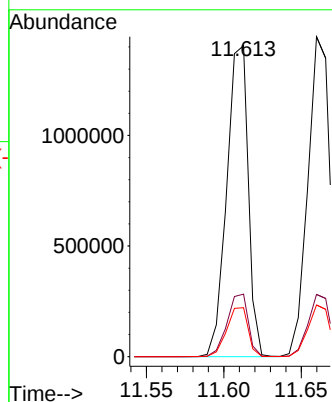
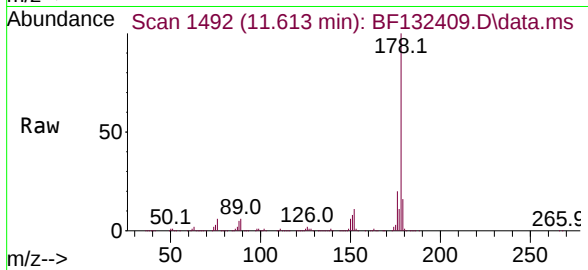
#71
Phenanthrene
Concen: 59.073 ng
RT: 11.613 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 135954
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 15.7 12.6 19.0

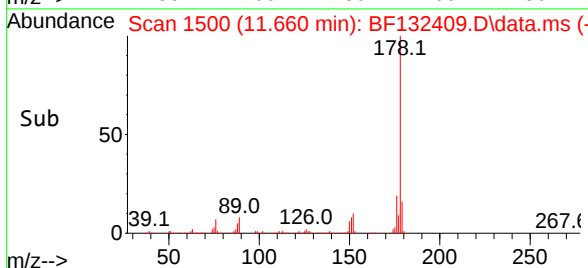
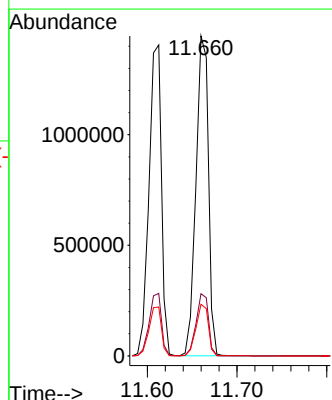
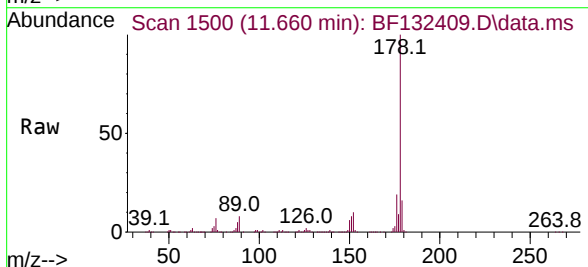
Manual Integrations
APPROVED

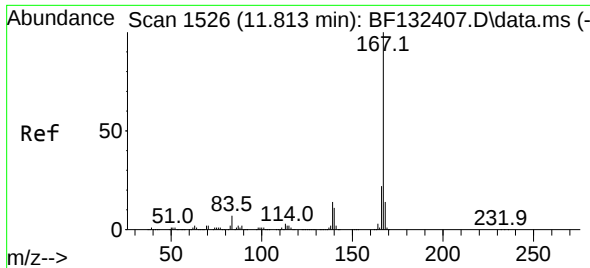
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#72
Anthracene
Concen: 59.694 ng
RT: 11.660 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

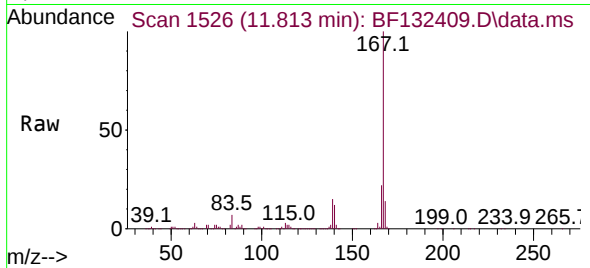
Tgt Ion:178 Resp: 1398128
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.1 12.6 19.0





#73
 Carbazole
 Concen: 57.825 ng
 RT: 11.813 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

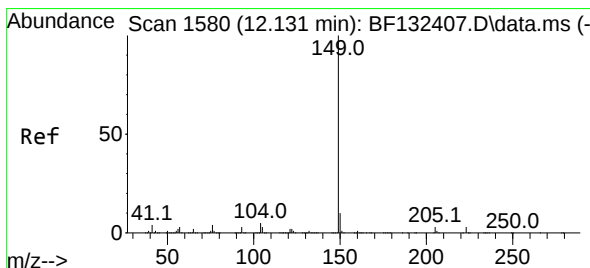
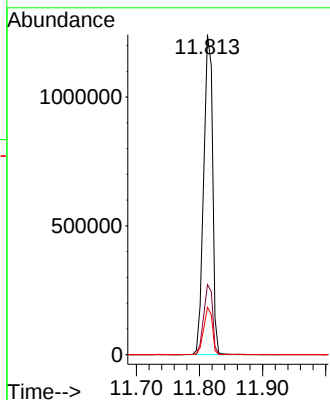
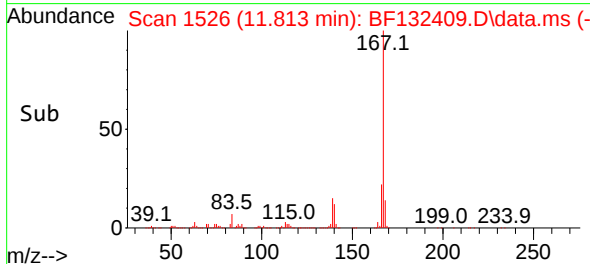
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



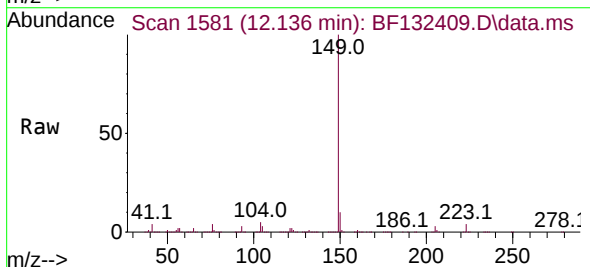
Tgt Ion:167 Resp: 1214374
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.8 11.3 16.9

Manual Integrations
 APPROVED

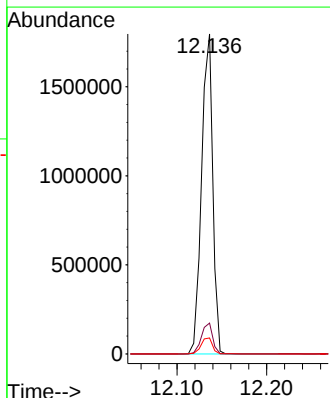
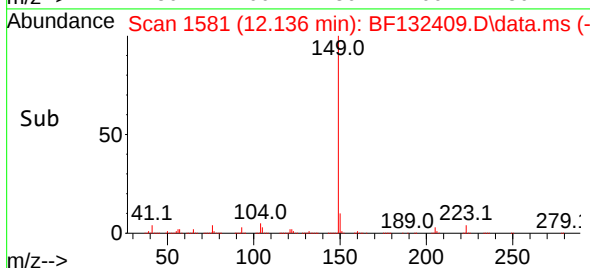
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

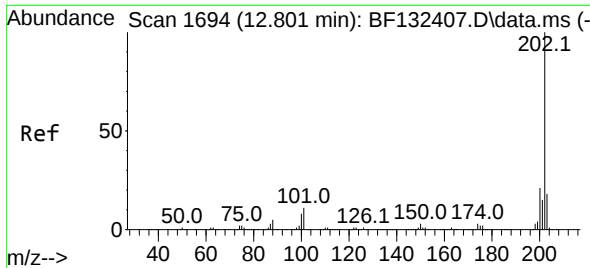


#74
 Di-n-butylphthalate
 Concen: 62.467 ng
 RT: 12.136 min Scan# 1581
 Delta R.T. 0.005 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34



Tgt Ion:149 Resp: 1550934
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 60.824 ng
RT: 12.807 min Scan# 1695
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

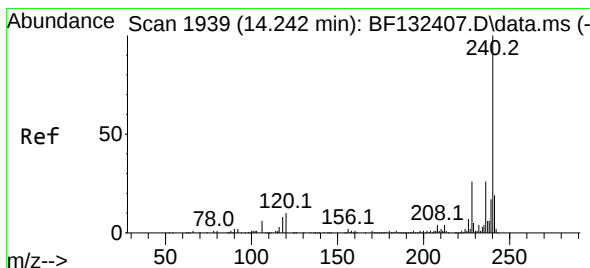
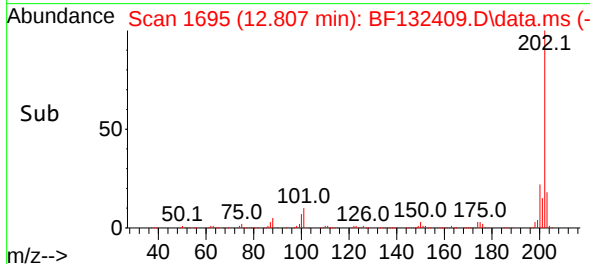
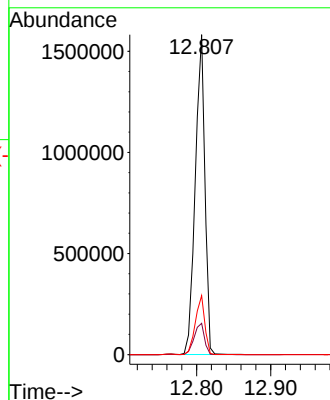
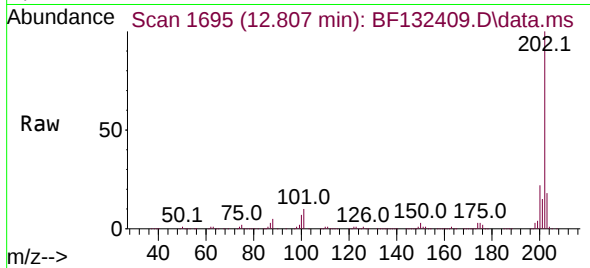
SSTDICC060

Tgt Ion:202 Resp: 1428507
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.0
203 18.4 0.0 37.9

Manual Integrations

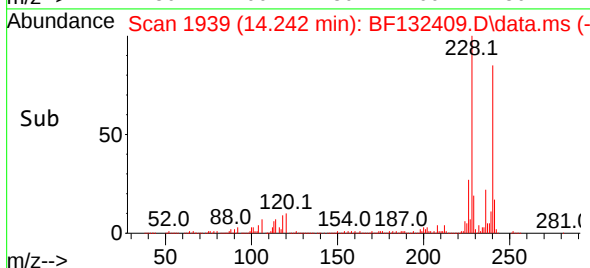
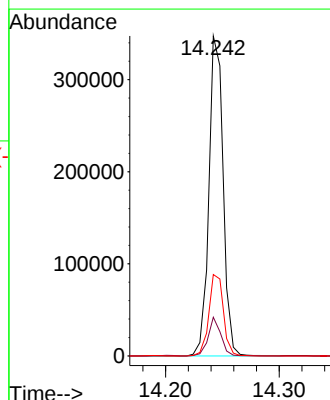
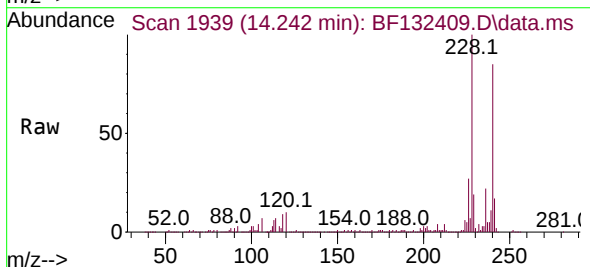
APPROVED

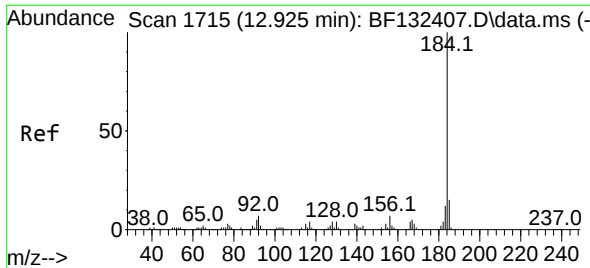
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

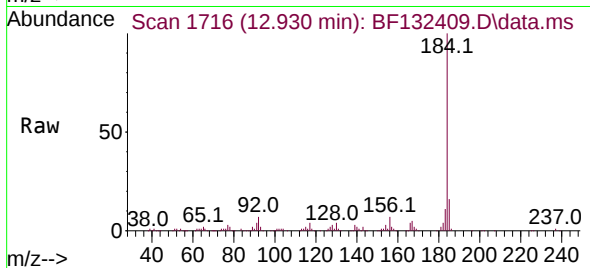
Tgt Ion:240 Resp: 303474
Ion Ratio Lower Upper
240 100
120 12.1 7.7 11.5#
236 25.4 21.1 31.7





#77
Benzidine
Concen: 24.004 ng
RT: 12.930 min Scan# 1715
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

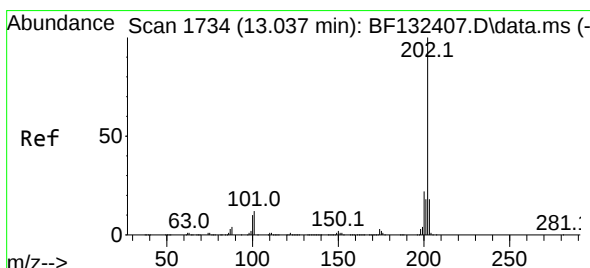
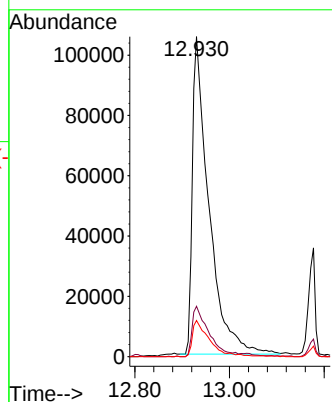
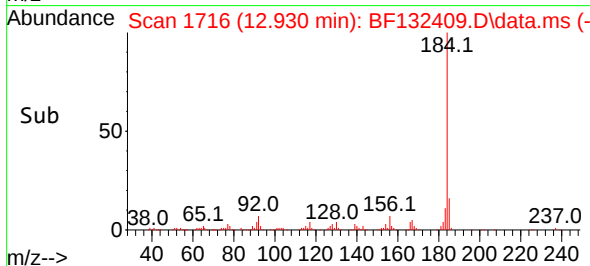
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



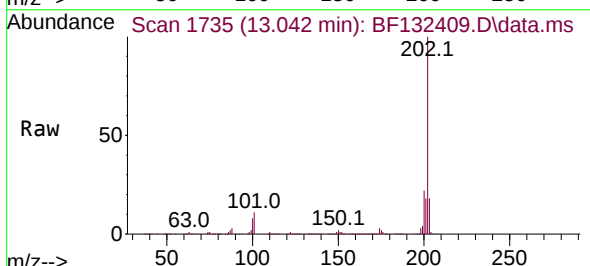
Tgt Ion:184 Resp: 254672
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 11.3 9.3 13.9

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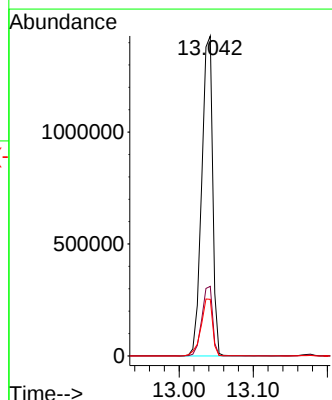
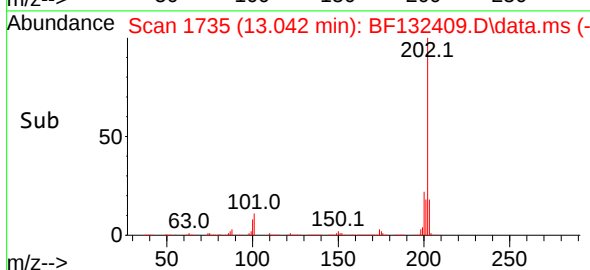
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

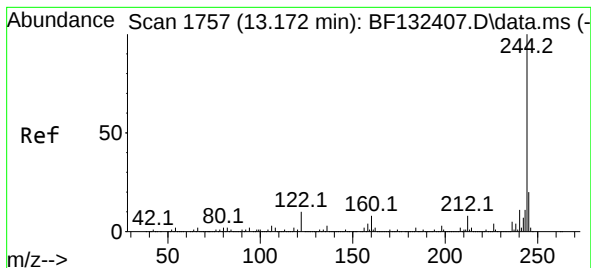


#78
Pyrene
Concen: 59.912 ng
RT: 13.042 min Scan# 1735
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion:202 Resp: 1462362
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 128.527 ng

RT: 13.177 min Scan# 1757

Delta R.T. 0.006 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:244 Resp: 2016359

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

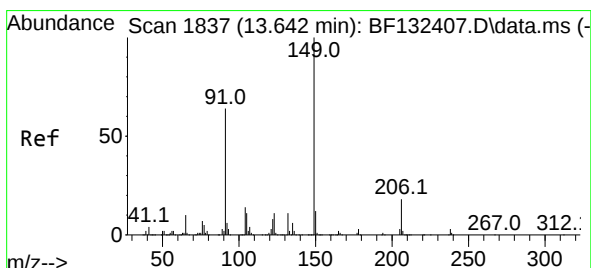
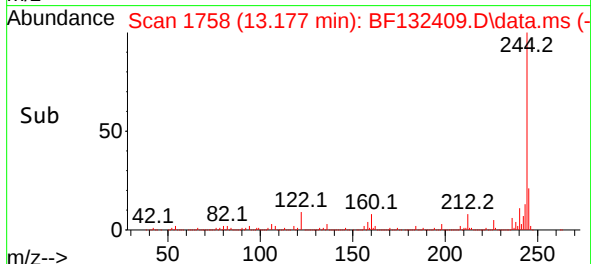
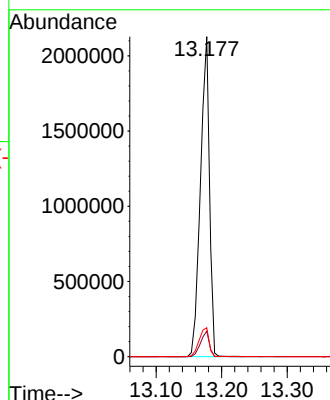
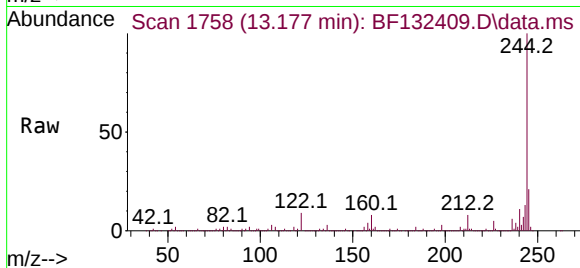
122 9.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#80

Butylbenzylphthalate

Concen: 61.344 ng

RT: 13.648 min Scan# 1838

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

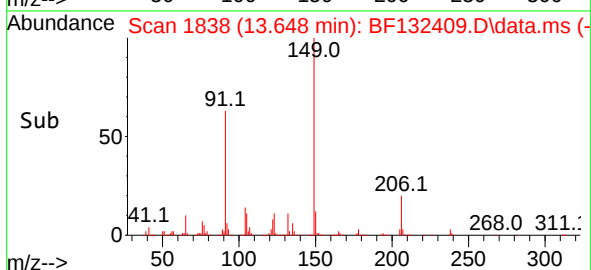
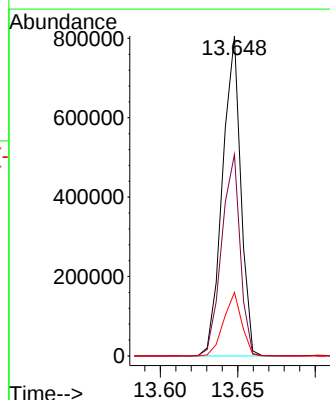
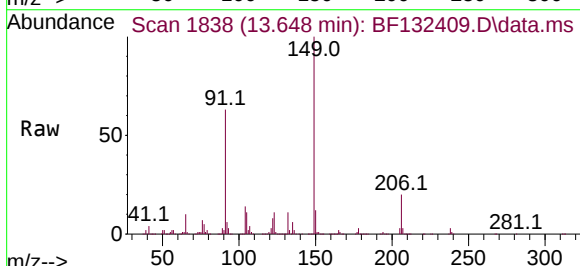
Tgt Ion:149 Resp: 661533

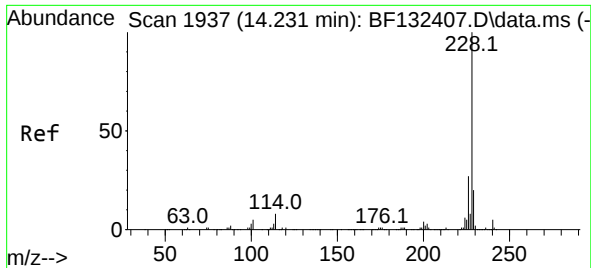
Ion Ratio Lower Upper

149 100

91 62.9 51.6 77.4

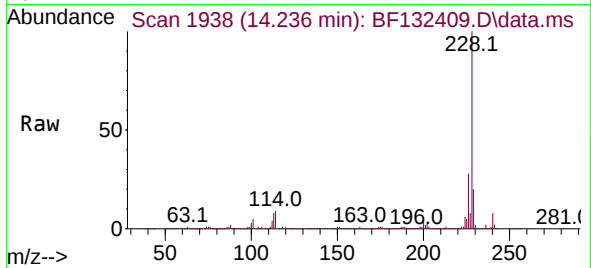
206 19.8 14.8 22.2





#81
Benzo(a)anthracene
Concen: 62.418 ng
RT: 14.236 min Scan# 1937
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

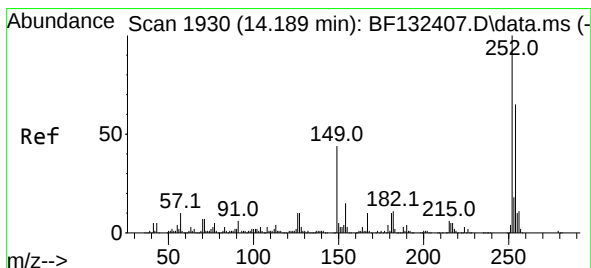
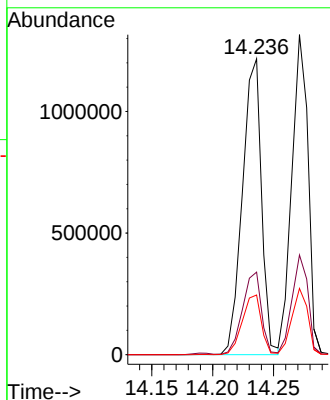
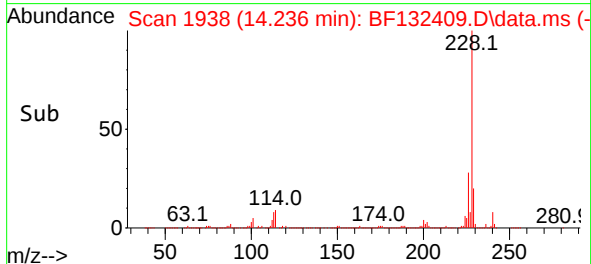
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



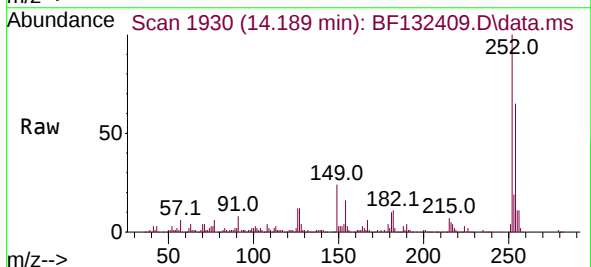
Tgt Ion:228 Resp: 1324852
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.2 15.7 23.5

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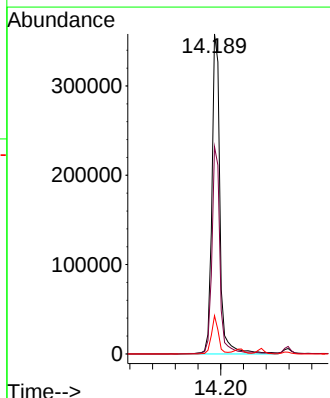
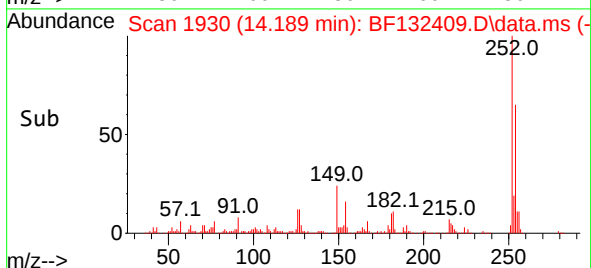
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

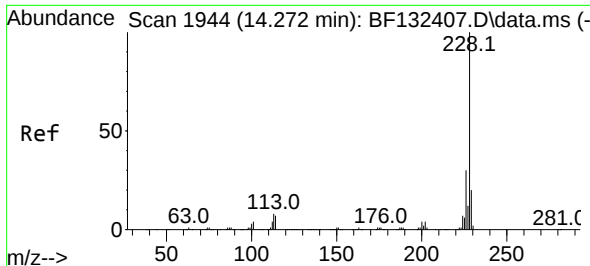


#82
3,3'-Dichlorobenzidine
Concen: 52.388 ng
RT: 14.189 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



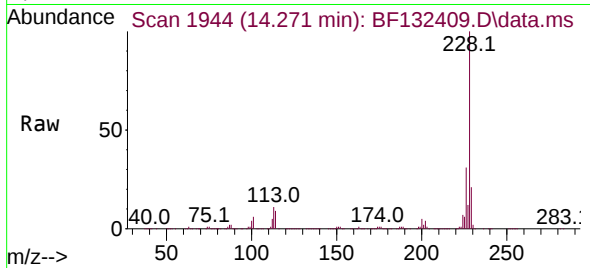
Tgt Ion:252 Resp: 354165
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.9 8.1 12.1





#83
Chrysene
Concen: 61.521 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

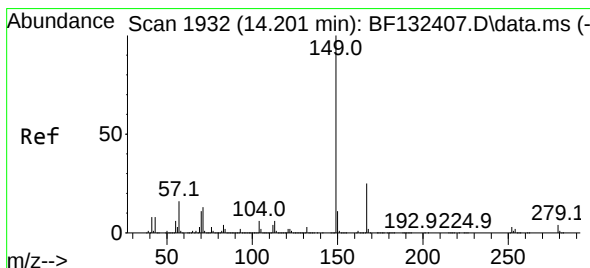
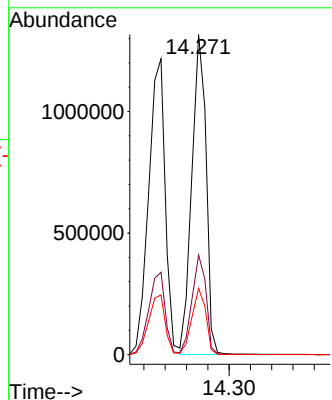
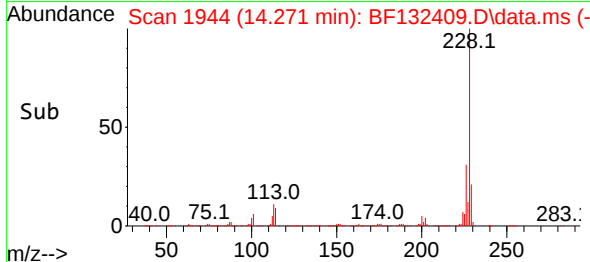
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



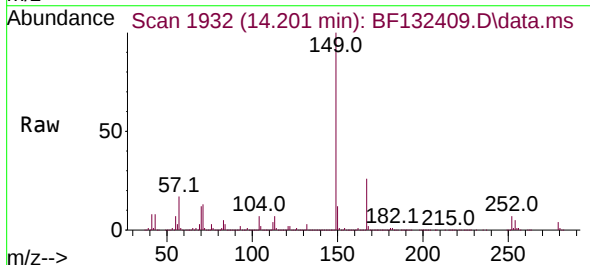
Tgt Ion:228 Resp: 1222734
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 20.7 16.0 24.0

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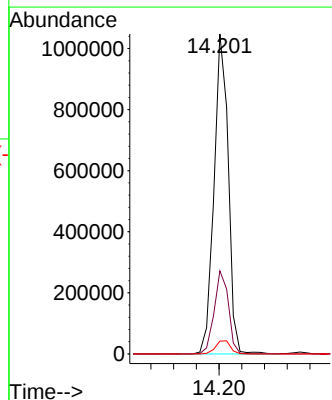
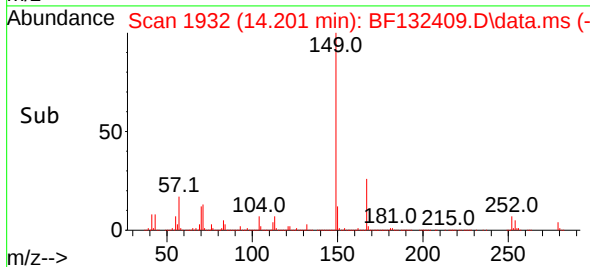
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

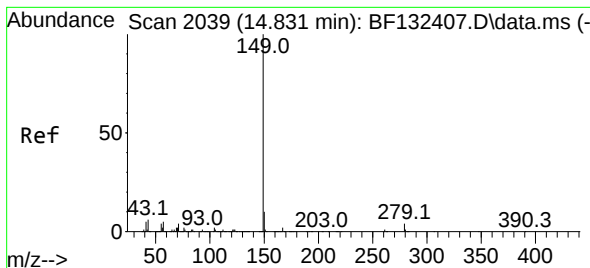


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.602 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



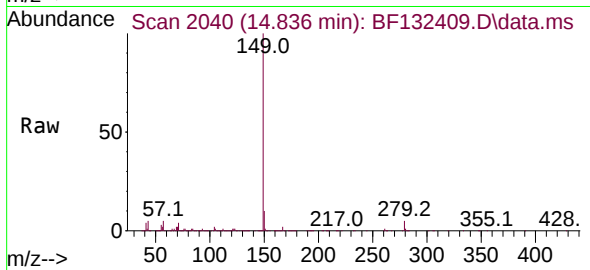
Tgt Ion:149 Resp: 912510
Ion Ratio Lower Upper
149 100
167 25.9 20.2 30.4
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 59.114 ng
RT: 14.836 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

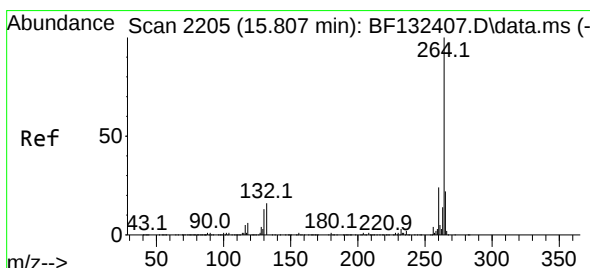
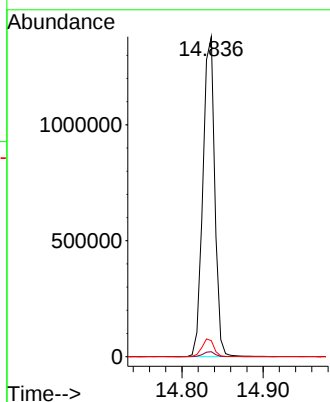
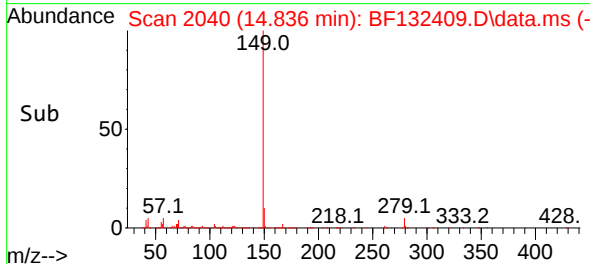
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 1405440
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.6 4.6 6.8

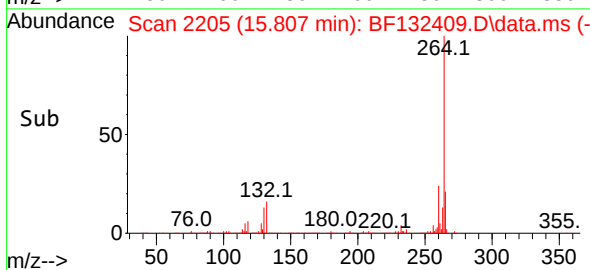
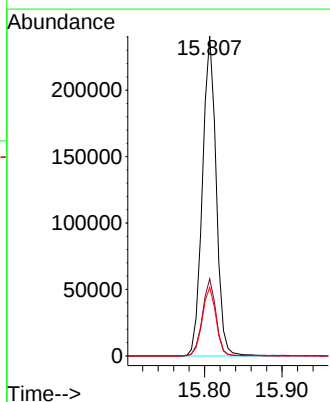
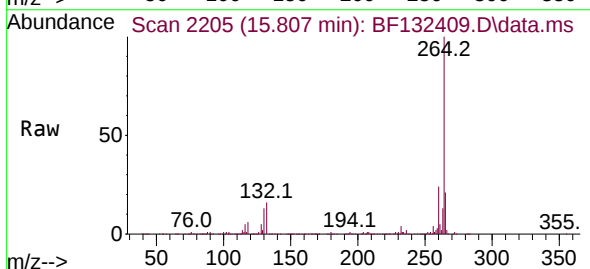
Manual Integrations
APPROVED

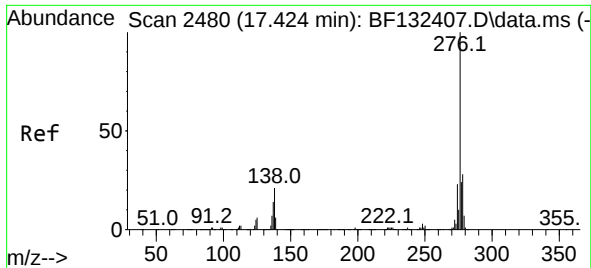
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.807 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

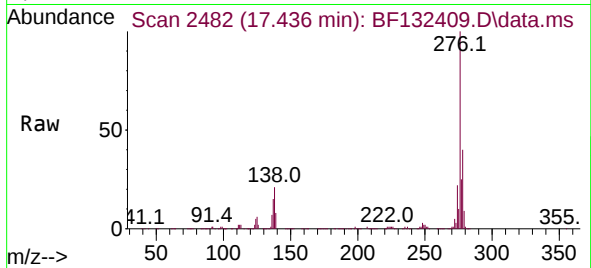
Tgt Ion:264 Resp: 296049
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.4 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 69.594 ng
RT: 17.436 min Scan# 2480
Delta R.T. 0.011 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

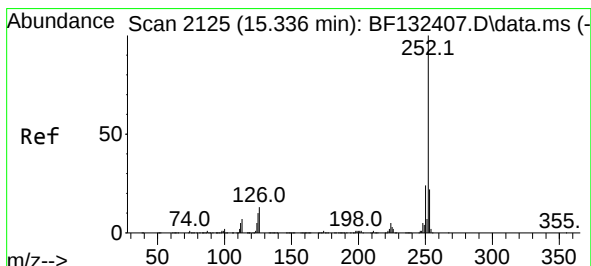
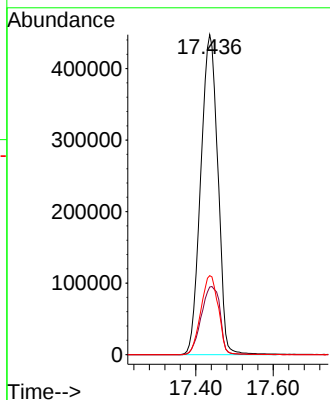
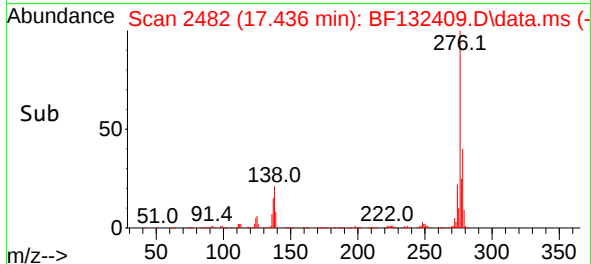
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:276 Resp: 1369008
Ion Ratio Lower Upper
276 100
138 23.3 19.1 28.7
277 25.2 20.0 30.0

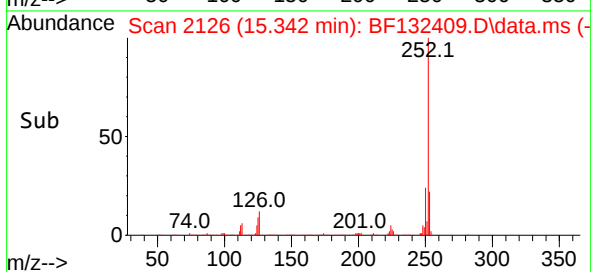
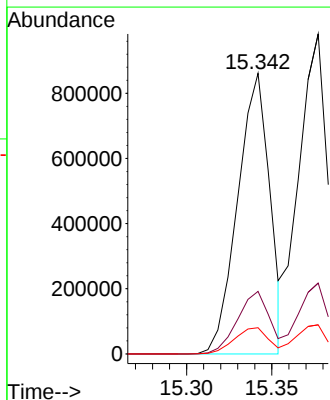
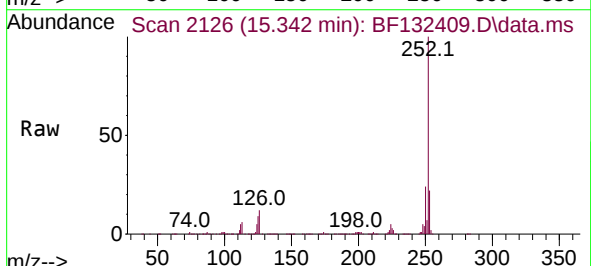
Manual Integrations
APPROVED

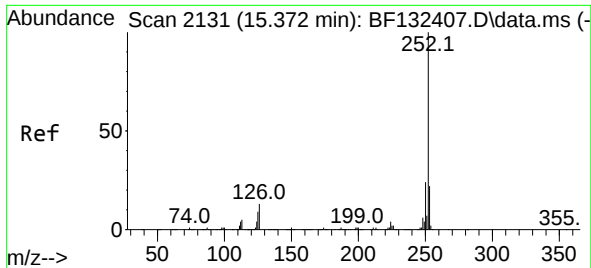
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#88
Benzo(b)fluoranthene
Concen: 60.006 ng
RT: 15.342 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

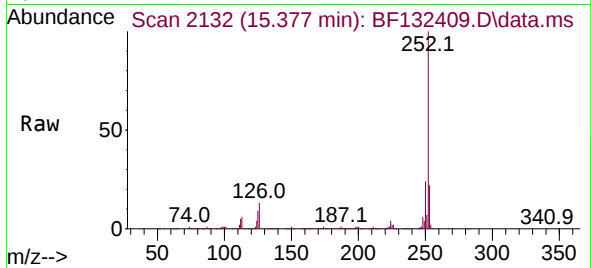
Tgt Ion:252 Resp: 1129199
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.3 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 64.706 ng
RT: 15.377 min Scan# 2131
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

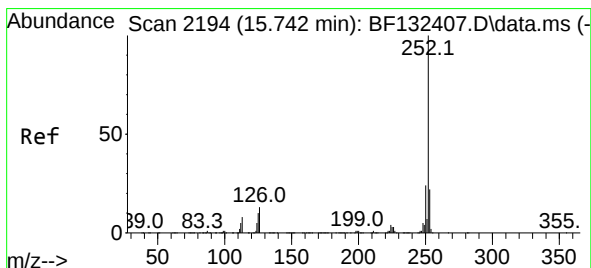
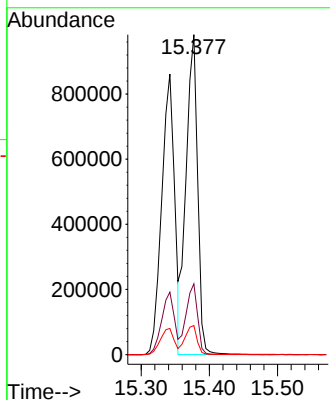
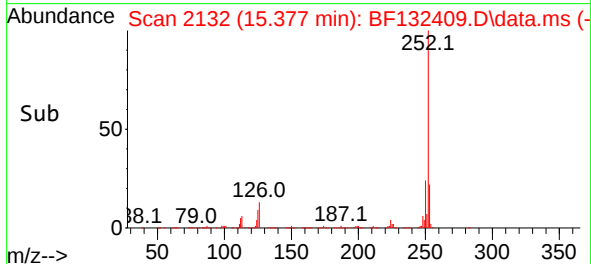
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:252 Resp: 1162289
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.1 7.4 11.2

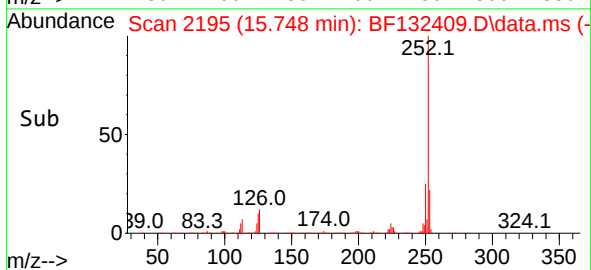
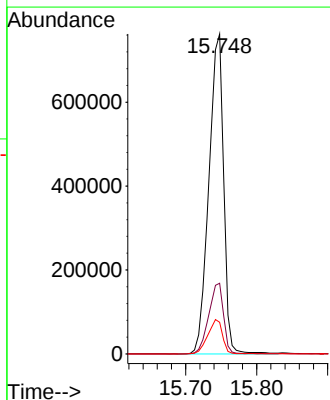
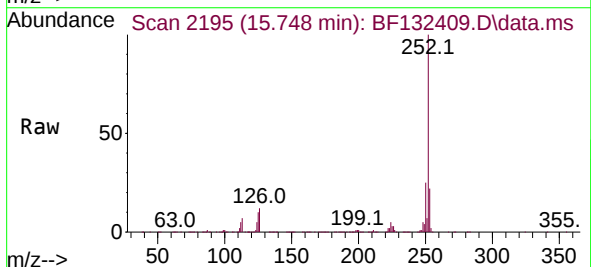
Manual Integrations
APPROVED

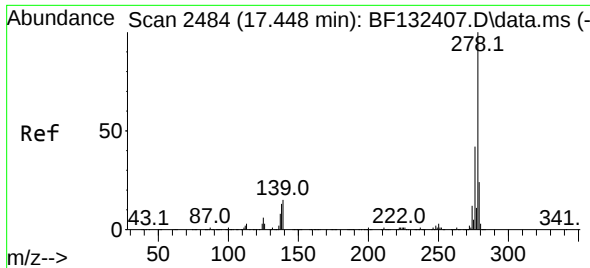
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#90
Benzo(a)pyrene
Concen: 62.754 ng
RT: 15.748 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:252 Resp: 1099657
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.9 8.3 12.5





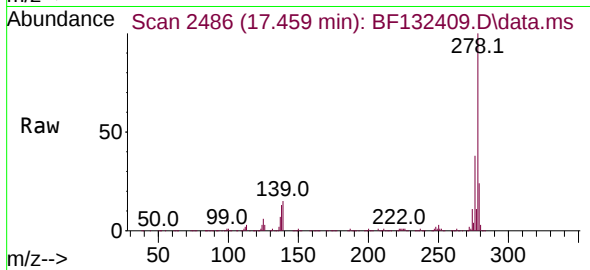
#91
Dibenzo(a,h)anthracene
Concen: 71.195 ng
RT: 17.459 min Scan# 2484
Delta R.T. 0.011 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

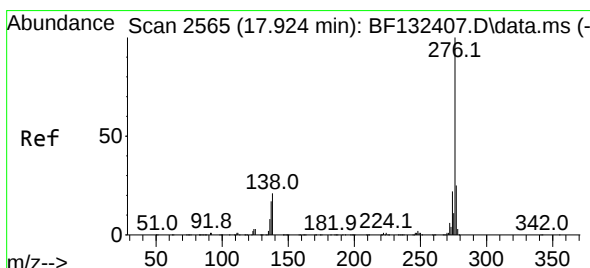
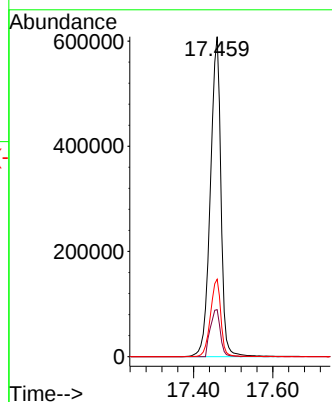
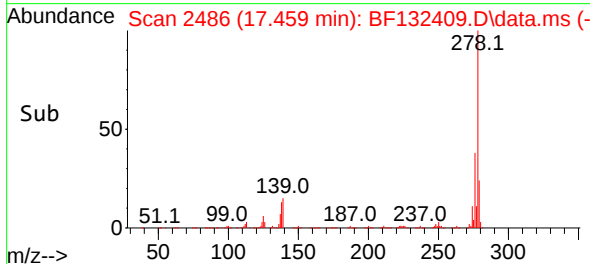


Tgt Ion:278 Resp: 1125992
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 24.2 19.4 29.0

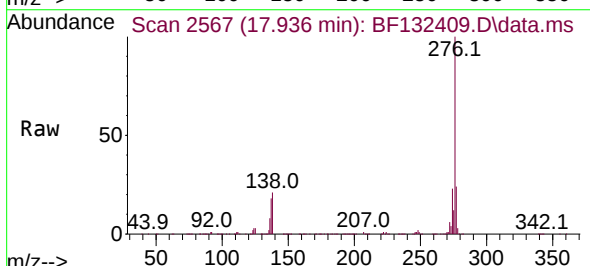
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 69.320 ng
RT: 17.936 min Scan# 2567
Delta R.T. 0.011 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion:276 Resp: 1132613
Ion Ratio Lower Upper
276 100
277 23.9 19.6 29.4
138 21.2 16.6 25.0

