

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131709.D
 Acq On : 20 Dec 2022 13:03
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 02:11:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 02:06:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	95259	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	353672	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	220927	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	427805	20.000	ng	0.00
76) Chrysene-d12	14.063	240	314230	20.000	ng	0.00
86) Perylene-d12	15.557	264	218418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	243114	42.577	ng	0.00
7) Phenol-d6	6.493	99	326015	43.570	ng	-0.01
23) Nitrobenzene-d5	7.434	82	359757	38.457	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	101910	41.519	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	652090	37.216	ng	0.00
79) Terphenyl-d14	13.004	244	785293	34.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	55194	21.415	ng	97
3) Pyridine	3.346	79	159886	22.344	ng	97
4) n-Nitrosodimethylamine	3.305	42	69590	17.634	ng	98
6) Aniline	6.528	93	203046	22.690	ng	99
8) 2-Chlorophenol	6.651	128	130606	21.584	ng	94
9) Benzaldehyde	6.416	77	113773	22.196	ng	98
10) Phenol	6.504	94	196618	23.558	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	137243	21.936	ng	96
12) 1,3-Dichlorobenzene	6.804	146	145877	20.793	ng	98
13) 1,4-Dichlorobenzene	6.881	146	149497	21.126	ng	96
14) 1,2-Dichlorobenzene	7.034	146	143311	21.200	ng	97
15) Benzyl Alcohol	7.010	79	147731	21.536	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.140	45	181329	22.437	ng	98
17) 2-Methylphenol	7.116	107	121064	22.199	ng	98
18) Hexachloroethane	7.381	117	59355	20.793	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	118130	21.054	ng	99
20) 3+4-Methylphenols	7.275	107	158016	21.273	ng	92
22) Acetophenone	7.281	105	217656	19.638	ng	96
24) Nitrobenzene	7.451	77	184113	19.514	ng	97
25) Isophorone	7.692	82	306545	20.344	ng	100
26) 2-Nitrophenol	7.769	139	72351	22.487	ng	97
27) 2,4-Dimethylphenol	7.804	122	103161	20.918	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	161658	20.739	ng	98
29) 2,4-Dichlorophenol	8.010	162	125526	20.585	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	145435	19.448	ng	99
31) Naphthalene	8.181	128	403827	20.272	ng	99
32) Benzoic acid	7.916	122	77914	21.815	ng	97
33) 4-Chloroaniline	8.228	127	158139	21.179	ng	99
34) Hexachlorobutadiene	8.292	225	98650	18.718	ng	99
35) Caprolactam	8.598	113	36057m	22.859	ng	
36) 4-Chloro-3-methylphenol	8.710	107	142878	20.866	ng	97
37) 2-Methylnaphthalene	8.869	142	277134	20.343	ng	99
38) 1-Methylnaphthalene	8.969	142	266242	20.359	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	152510	18.648	ng	99
41) Hexachlorocyclopentadiene	9.022	237	62655	15.094	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	102134	20.191	ng	97

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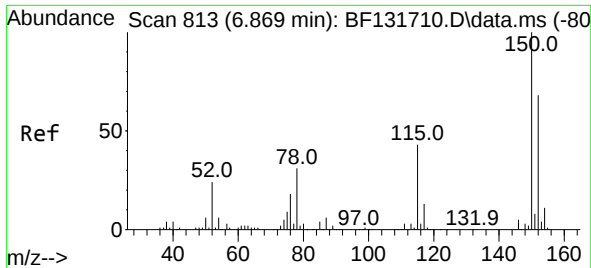
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109575	20.142	ng	93
46) 1,1'-Biphenyl	9.339	154	342962	19.634	ng	98
47) 2-Chloronaphthalene	9.363	162	277051	19.467	ng	99
48) 2-Nitroaniline	9.463	65	101146	20.063	ng	97
49) Acenaphthylene	9.781	152	420987	20.146	ng	100
50) Dimethylphthalate	9.639	163	344675	20.466	ng	99
51) 2,6-Dinitrotoluene	9.704	165	73706	21.199	ng	99
52) Acenaphthene	9.951	154	256477	18.321	ng	99
53) 3-Nitroaniline	9.875	138	75216	22.547	ng	99
54) 2,4-Dinitrophenol	9.981	184	41248	23.634	ng	99
55) Dibenzofuran	10.128	168	399657	20.206	ng	97
56) 4-Nitrophenol	10.033	139	54520	23.526	ng	98
57) 2,4-Dinitrotoluene	10.110	165	100856	21.867	ng	89
58) Fluorene	10.469	166	320826	19.952	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91751m	19.917	ng	
60) Diethylphthalate	10.339	149	334019	20.667	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	170621	19.201	ng	95
62) 4-Nitroaniline	10.492	138	77908	23.567	ng	99
63) Azobenzene	10.622	77	366804	19.899	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	61118	22.556	ng	94
66) n-Nitrosodiphenylamine	10.581	169	274647	19.858	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	104226	18.938	ng	94
68) Hexachlorobenzene	11.016	284	113360	19.043	ng	93
69) Atrazine	11.110	200	93432	21.273	ng	97
70) Pentachlorophenol	11.216	266	61712	20.137	ng	97
71) Phenanthrene	11.439	178	483724	20.286	ng	99
72) Anthracene	11.486	178	470536	20.282	ng	99
73) Carbazole	11.645	167	410587	21.682	ng	100
74) Di-n-butylphthalate	11.975	149	518962	22.339	ng	99
75) Fluoranthene	12.627	202	549095	22.362	ng	99
77) Benzidine	12.751	184	123369	14.653	ng	99
78) Pyrene	12.863	202	559624	18.061	ng	99
80) Butylbenzylphthalate	13.480	149	201184	22.437	ng	98
81) Benzo(a)anthracene	14.051	228	458567	20.208	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	133546	20.684	ng	98
83) Chrysene	14.092	228	425098	19.704	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	242020	22.291	ng	99
85) Di-n-octyl phthalate	14.657	149	327107	17.885	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	283960	15.930	ng	100
88) Benzo(b)fluoranthene	15.116	252	331656	23.039	ng	98
89) Benzo(k)fluoranthene	15.145	252	305713	20.346	ng	97
90) Benzo(a)pyrene	15.492	252	250497	20.390	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	237114	16.163	ng	99
92) Benzo(g,h,i)perylene	17.521	276	232263	15.753	ng	99

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

Manual Integrations

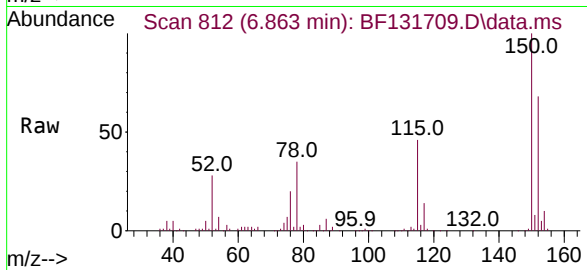
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

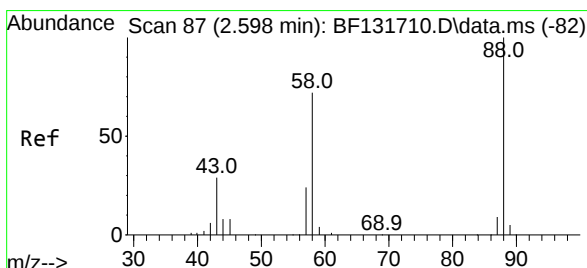
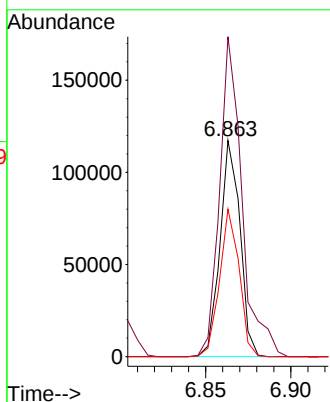
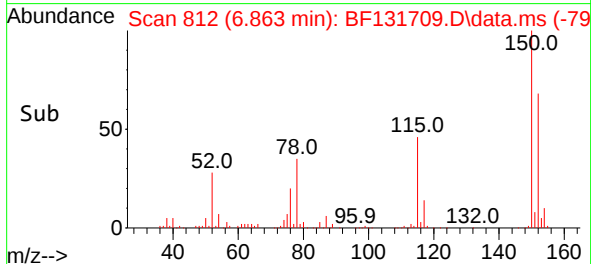
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 95259
Ion Ratio Lower Upper
152 100
150 148.0 117.4 176.0
115 68.2 50.2 75.4

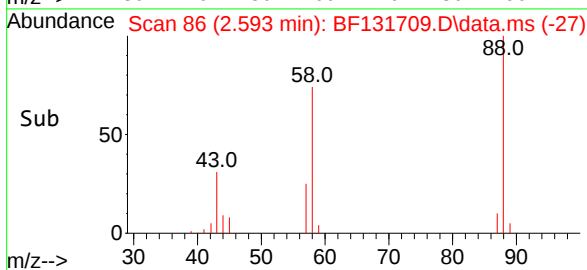
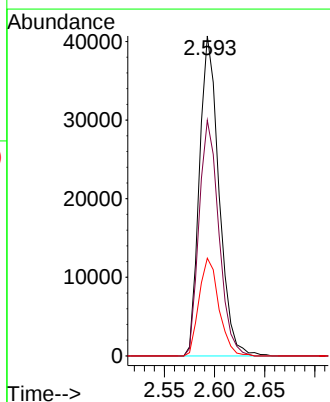
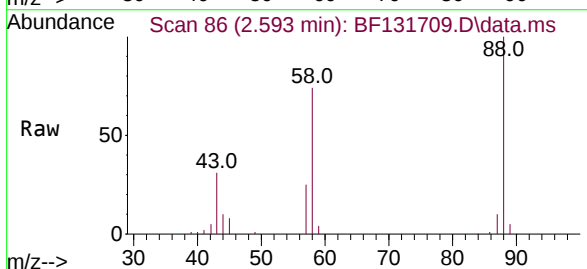
Manual Integrations
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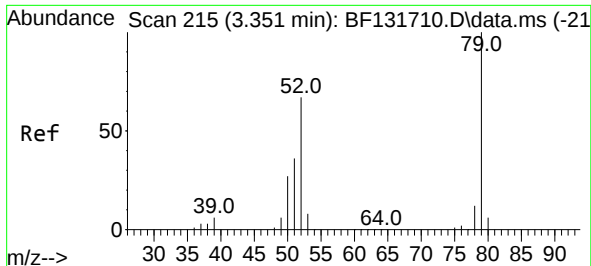
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#2
1,4-Dioxane
Concen: 21.415 ng
RT: 2.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

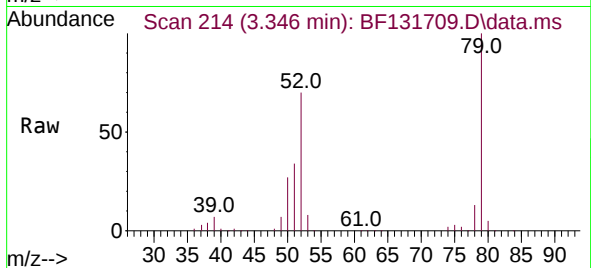
Tgt Ion: 88 Resp: 55194
Ion Ratio Lower Upper
88 100
58 74.0 57.5 86.3
43 30.8 23.3 34.9





#3
Pyridine
Concen: 22.344 ng
RT: 3.346 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

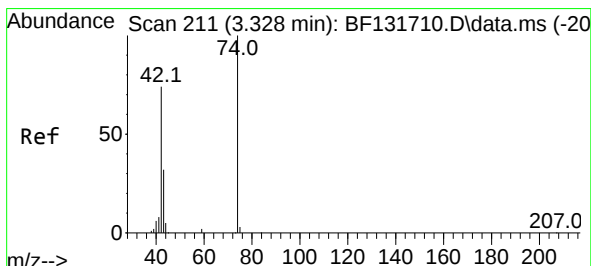
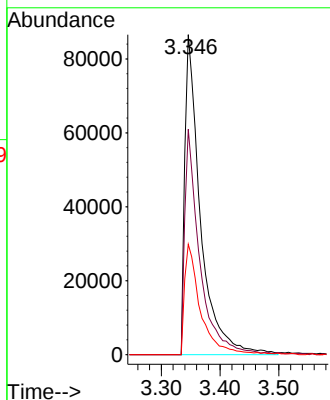
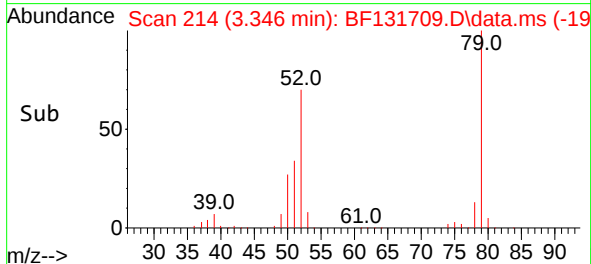
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



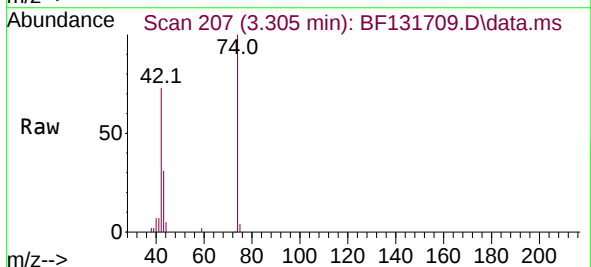
Tgt Ion: 79 Resp: 159886
Ion Ratio Lower Upper
79 100
52 70.4 53.7 80.5
51 34.5 28.6 42.8

Manual Integrations
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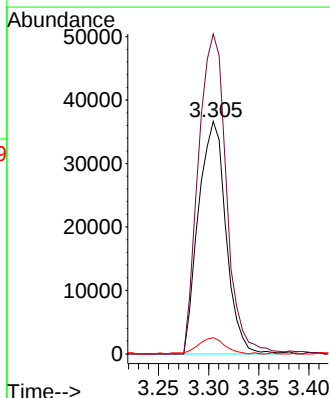
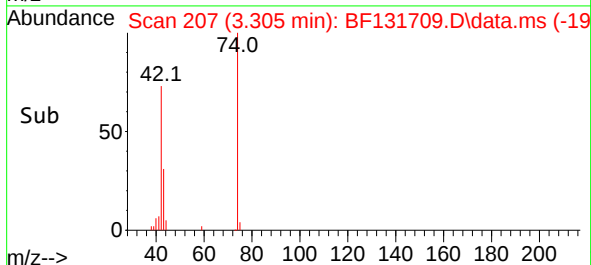
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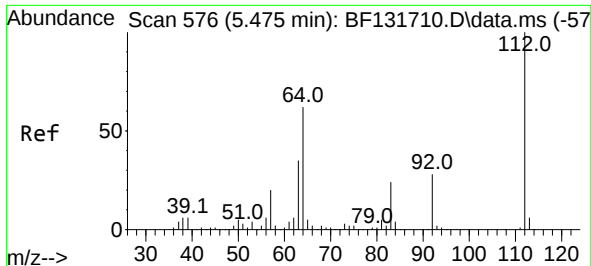


#4
n-Nitrosodimethylamine
Concen: 17.634 ng
RT: 3.305 min Scan# 207
Delta R.T. -0.023 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion: 42 Resp: 69590
Ion Ratio Lower Upper
42 100
74 137.7 107.8 161.8
44 7.0 5.5 8.3





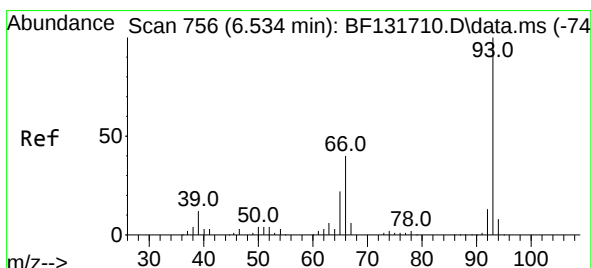
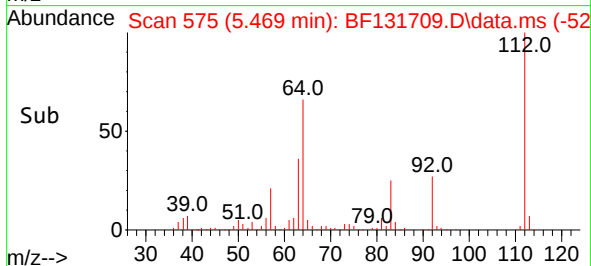
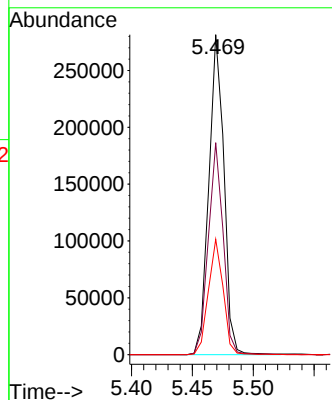
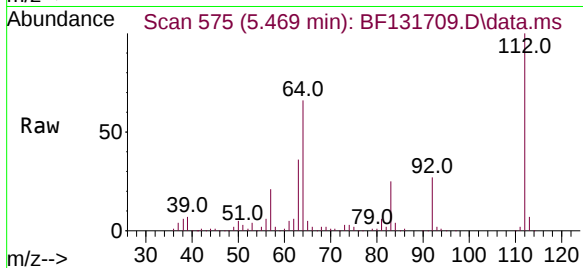
#5
2-Fluorophenol
Concen: 42.577 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :
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ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 243114
Ion Ratio Lower Upper
112 100
64 66.2 49.5 74.3
63 36.0 28.2 42.2

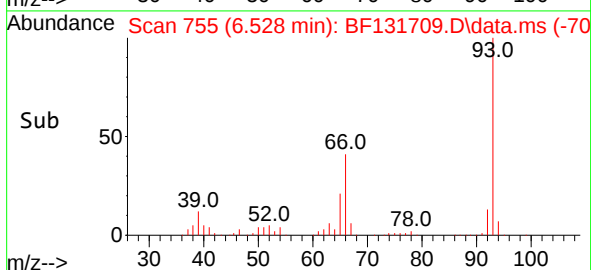
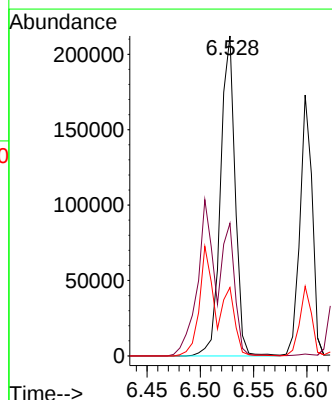
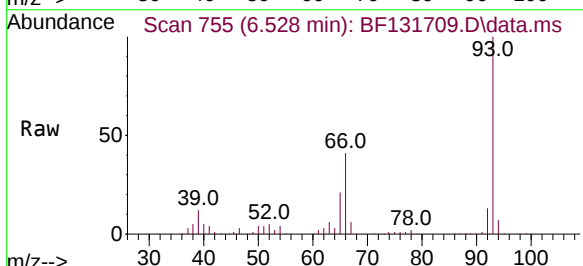
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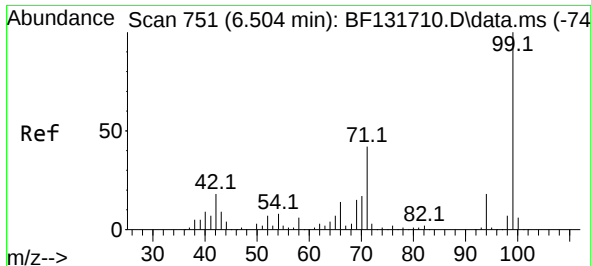
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#6
Aniline
Concen: 22.690 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion: 93 Resp: 203046
Ion Ratio Lower Upper
93 100
66 41.4 32.8 49.2
65 21.4 17.4 26.2





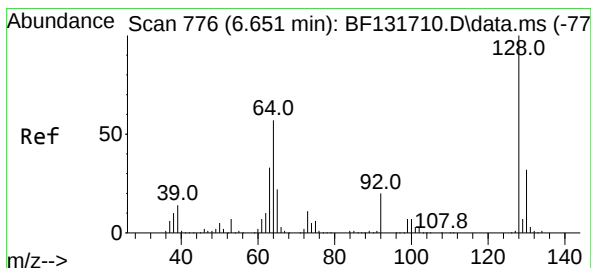
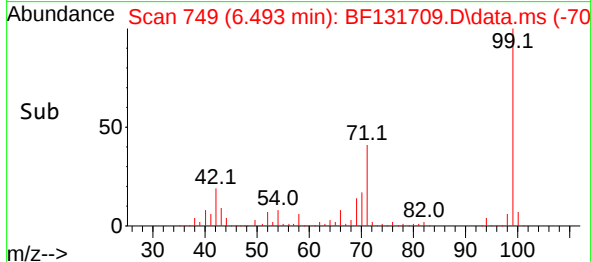
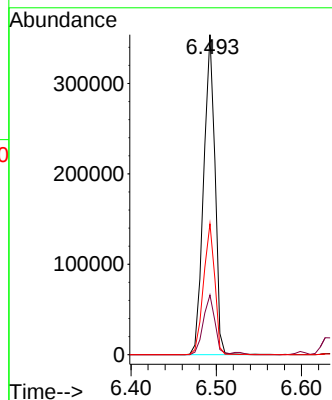
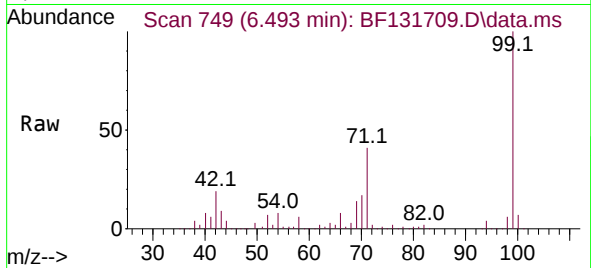
#7
Phenol-d6
Concen: 43.570 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

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Tgt Ion: 99 Resp: 326015
Ion Ratio Lower Upper
99 100
42 18.6 14.8 22.2
71 40.9 33.8 50.6

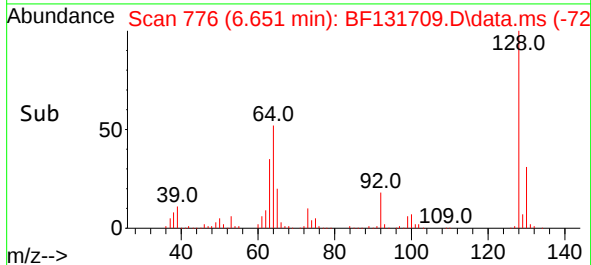
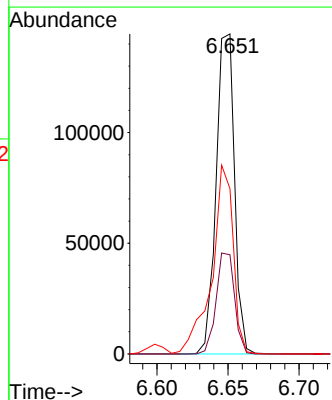
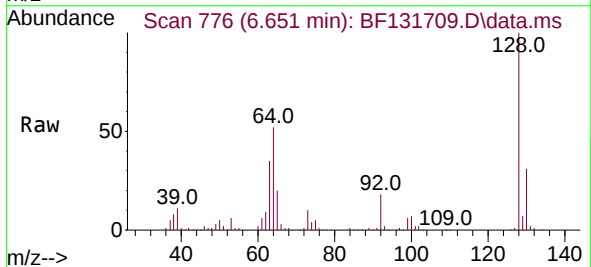
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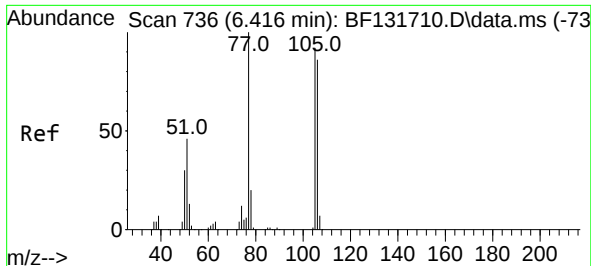
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#8
2-Chlorophenol
Concen: 21.584 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

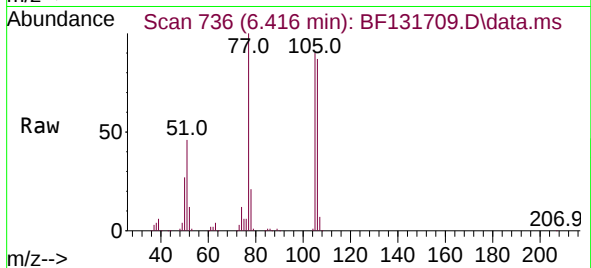
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Ion Ratio Lower Upper
128 100
130 31.0 12.0 52.0
64 51.6 37.7 77.7





#9
Benzaldehyde
Concen: 22.196 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

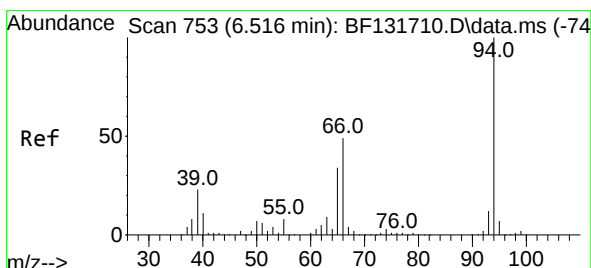
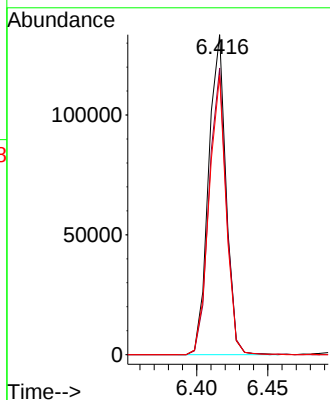
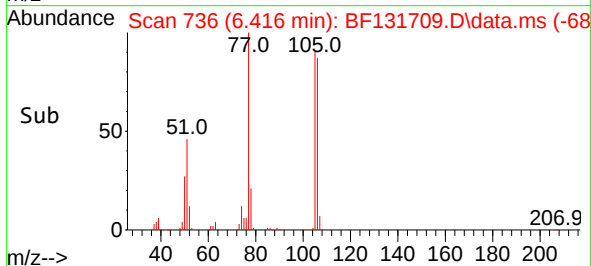
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Tgt Ion: 77 Resp: 113773
Ion Ratio Lower Upper
77 100
105 89.6 72.4 112.4
106 87.2 66.5 106.5

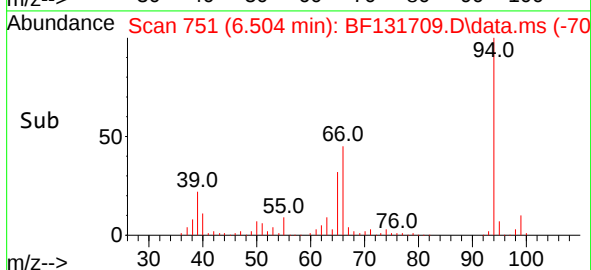
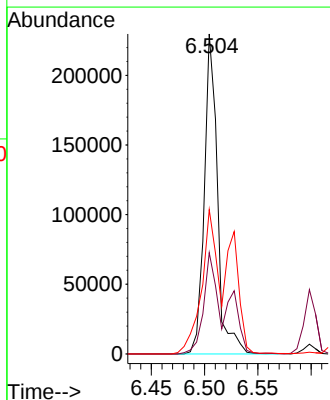
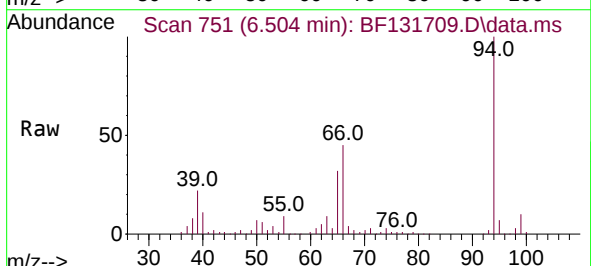
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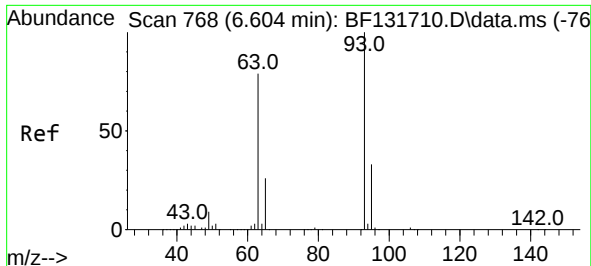
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#10
Phenol
Concen: 23.558 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion: 94 Resp: 196618
Ion Ratio Lower Upper
94 100
65 31.6 14.0 54.0
66 45.1 28.8 68.8





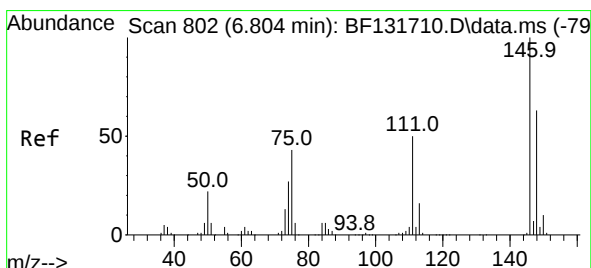
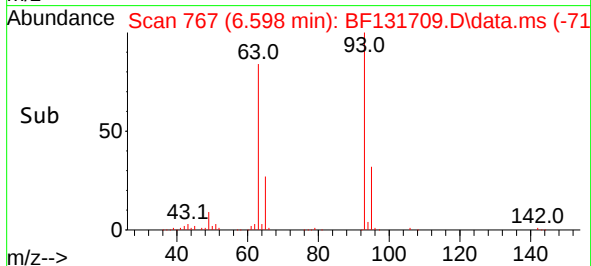
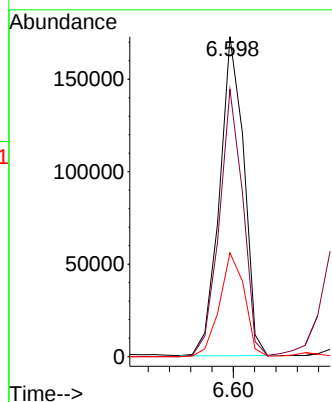
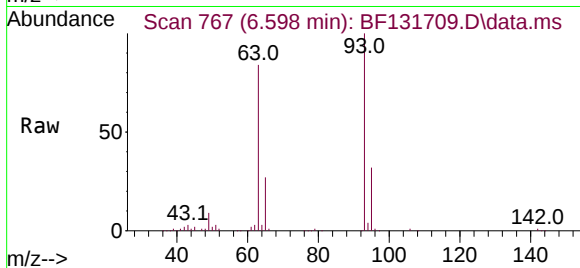
#11
bis(2-Chloroethyl)ether
Concen: 21.936 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 137243
Ion Ratio Lower Upper
93 100
63 83.5 59.0 99.0
95 32.4 12.6 52.6

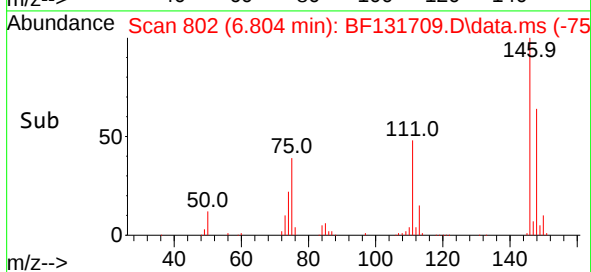
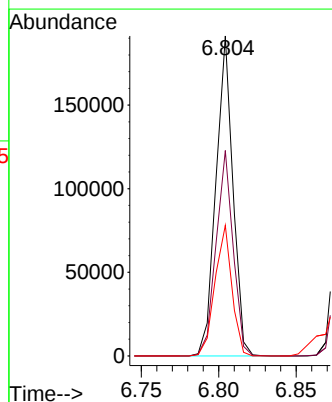
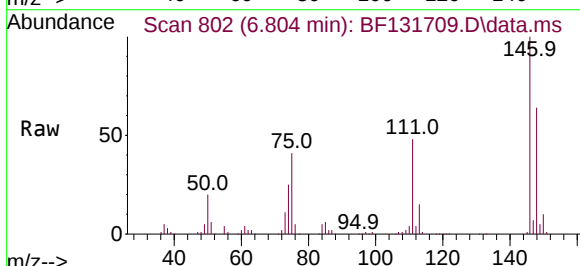
Manual Integrations
APPROVED

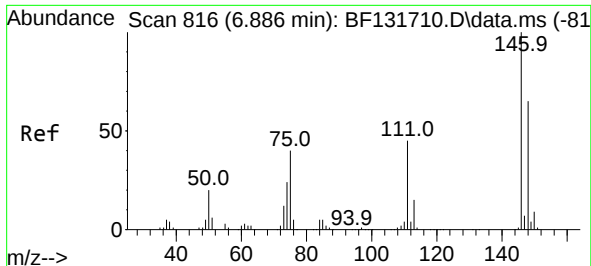
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#12
1,3-Dichlorobenzene
Concen: 20.793 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion:146 Resp: 145877
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
75 40.8 34.3 51.5





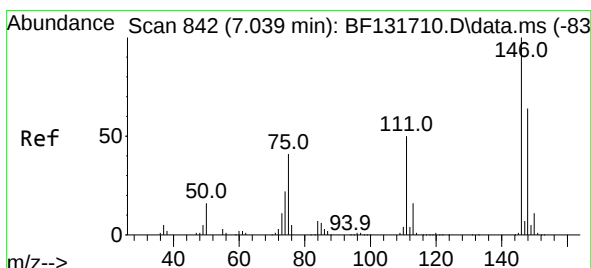
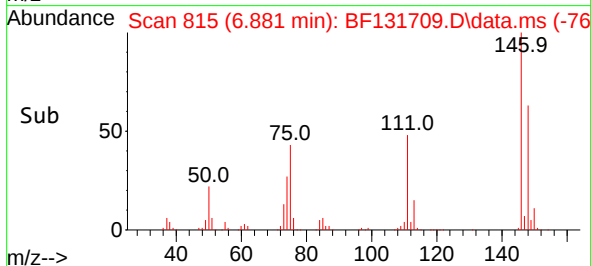
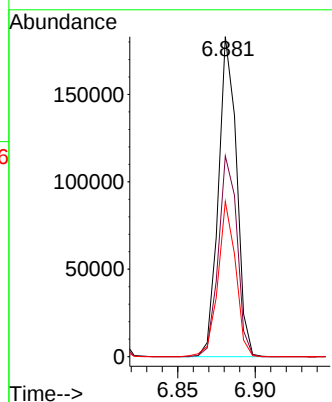
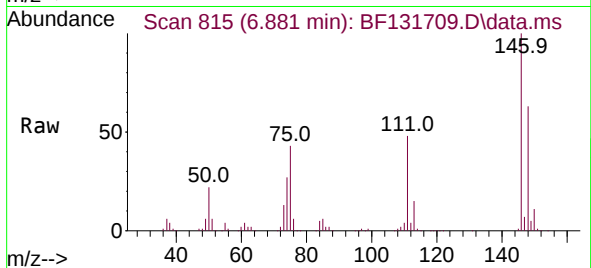
#13
1,4-Dichlorobenzene
Concen: 21.126 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 149497
Ion Ratio Lower Upper
146 100
148 62.7 52.2 78.4
111 48.5 36.4 54.6

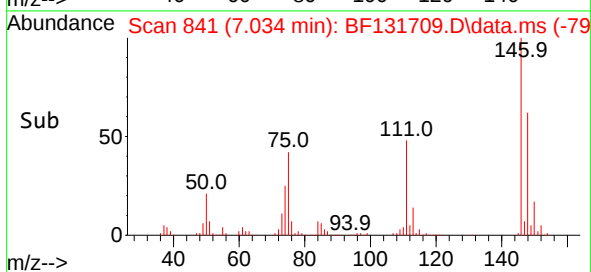
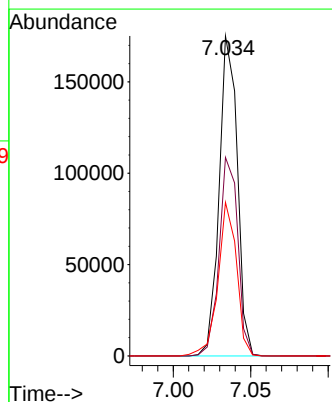
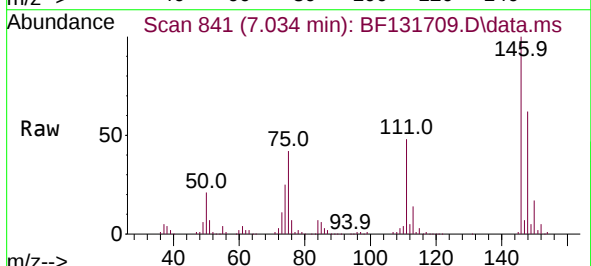
Manual Integrations
APPROVED

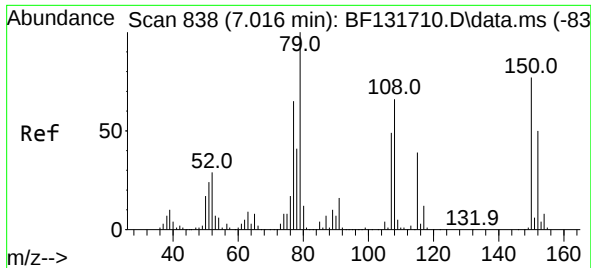
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#14
1,2-Dichlorobenzene
Concen: 21.200 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

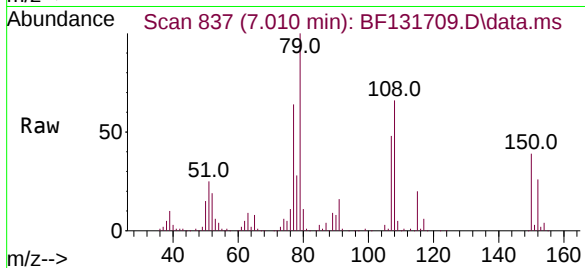
Tgt Ion:146 Resp: 143311
Ion Ratio Lower Upper
146 100
148 62.0 51.4 77.0
111 48.0 39.8 59.6





#15
Benzyl Alcohol
Concen: 21.536 ng
RT: 7.010 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

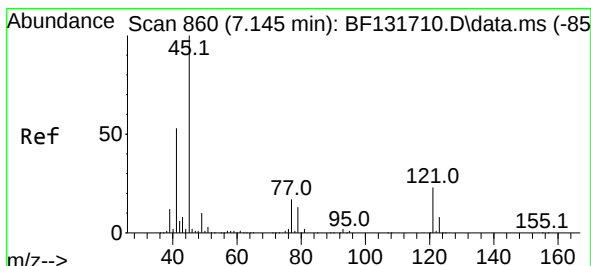
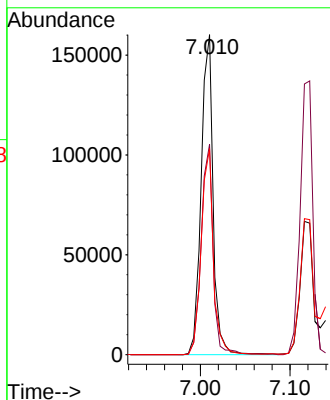
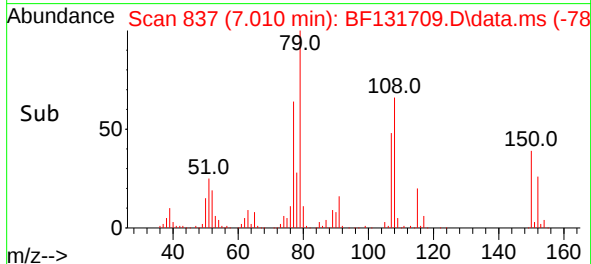
Instrument :
BNA_F
Client SampleId :
SSTDICC020



Tgt Ion: 79 Resp: 147731
Ion Ratio Lower Upper
79 100
108 65.7 52.6 78.8
77 64.4 51.7 77.5

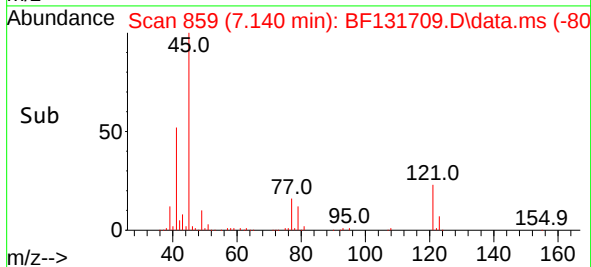
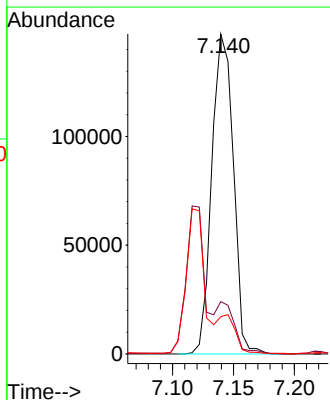
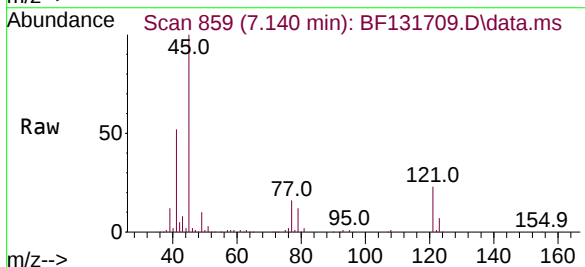
Manual Integrations
APPROVED

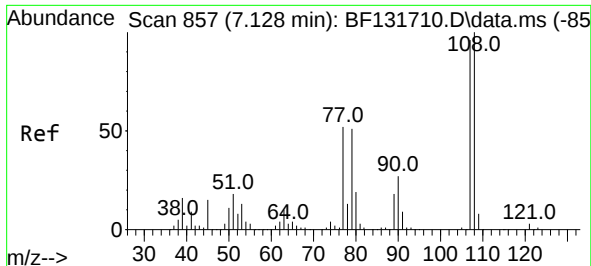
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.437 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion: 45 Resp: 181329
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.8
79 11.6 0.0 33.1





#17
2-Methylphenol
Concen: 22.199 ng
RT: 7.116 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

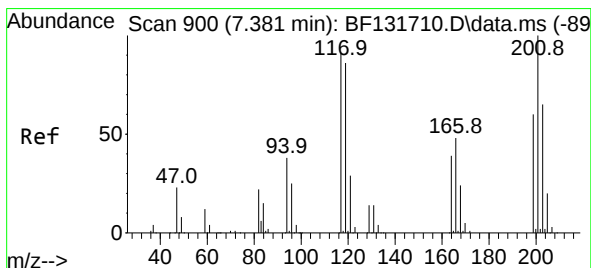
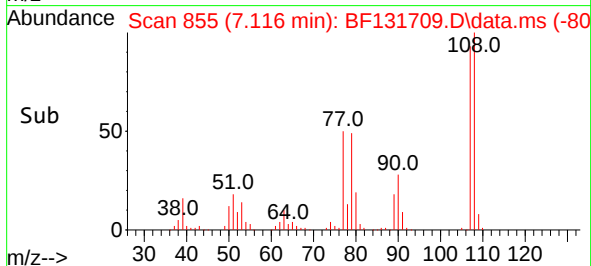
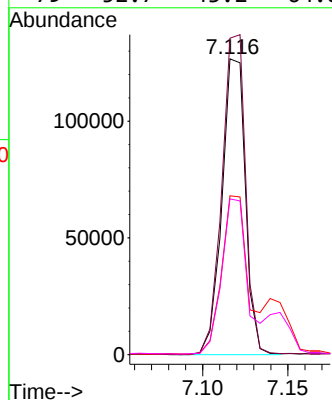
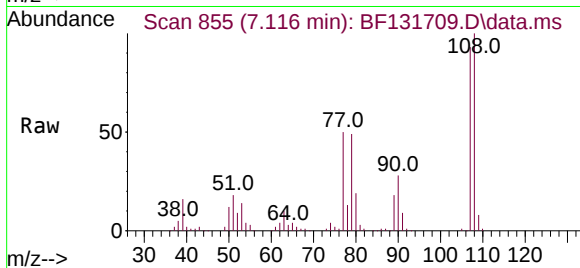
SSTDICC020

Tgt Ion:107 Resp: 121064
Ion Ratio Lower Upper
107 100
108 107.0 83.8 125.6
77 53.7 43.8 65.8
79 52.7 43.2 64.8

Manual Integrations

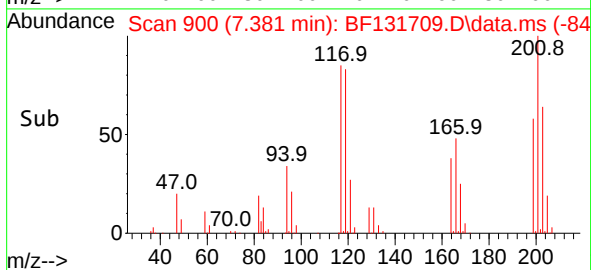
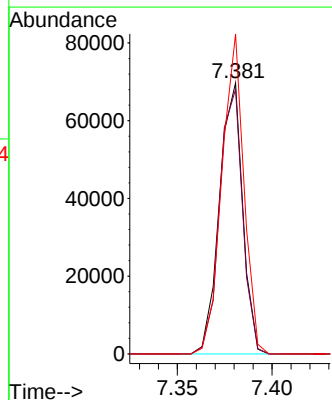
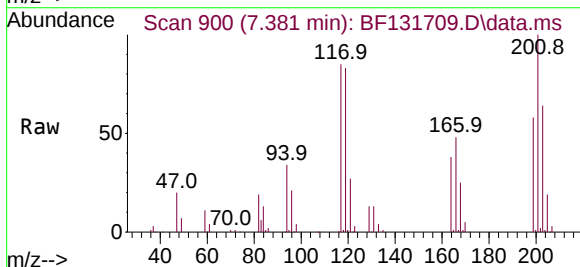
APPROVED

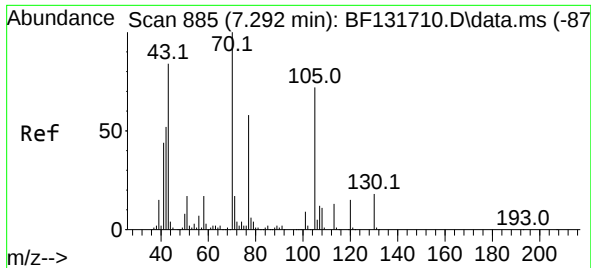
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#18
Hexachloroethane
Concen: 20.793 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion:117 Resp: 59355
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 118.1 88.2 132.4





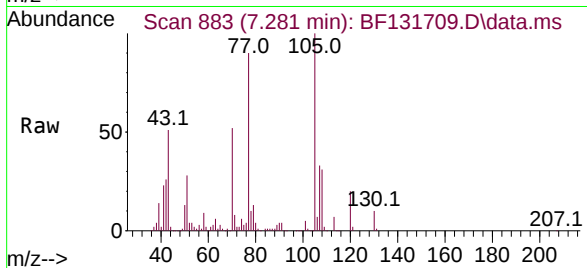
#19
n-Nitroso-di-n-propylamine
Concen: 21.054 ng
RT: 7.281 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

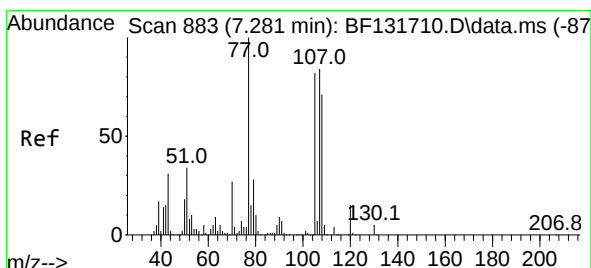
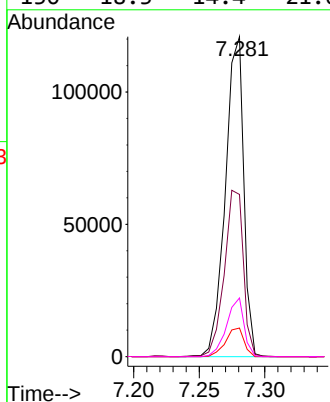
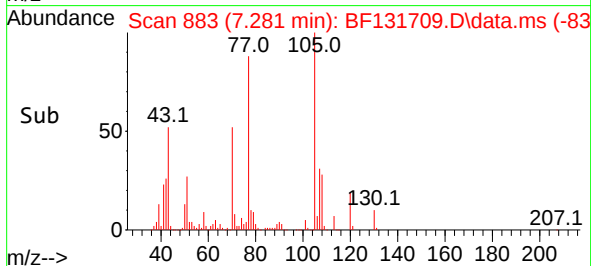


Tgt Ion: 70 Resp: 118136
Ion Ratio Lower Upper
70 100
42 50.7 41.5 62.3
101 8.9 7.3 10.9
130 18.3 14.4 21.6

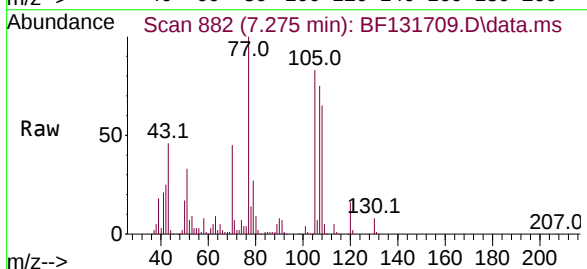
Manual Integrations

APPROVED

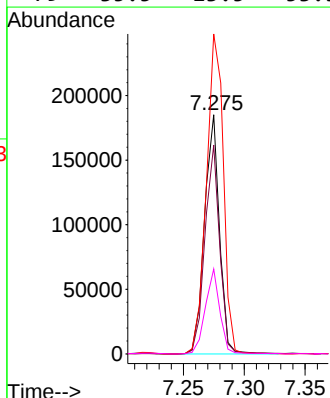
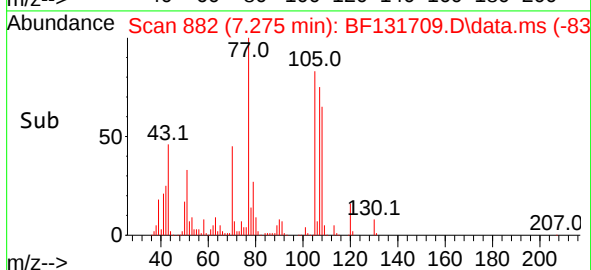
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

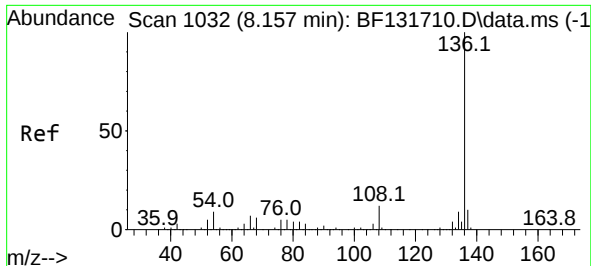


#20
3+4-Methylphenols
Concen: 21.273 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



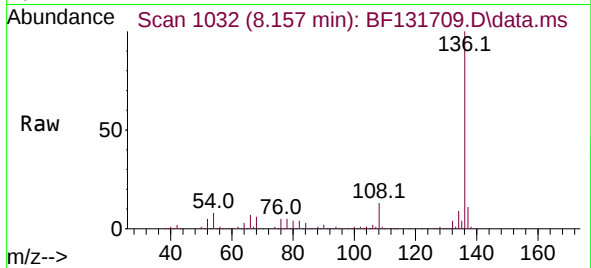
Tgt Ion:107 Resp: 158016
Ion Ratio Lower Upper
107 100
108 87.4 65.2 105.2
77 133.9 99.6 139.6
79 35.5 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

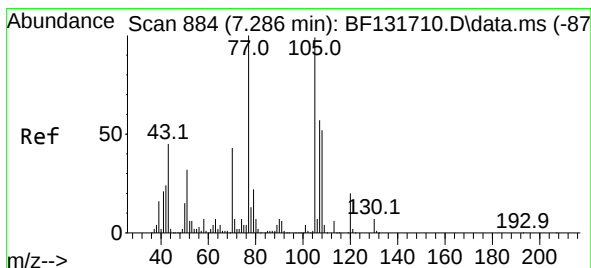
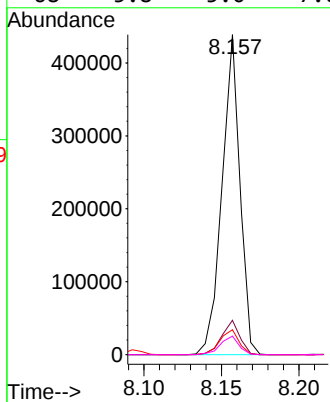
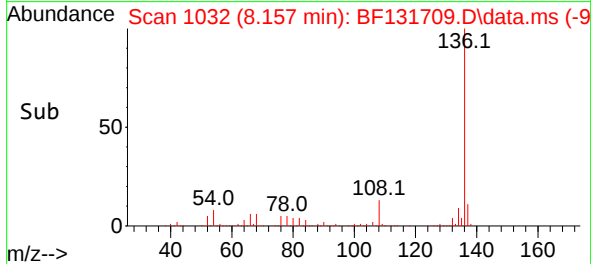
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



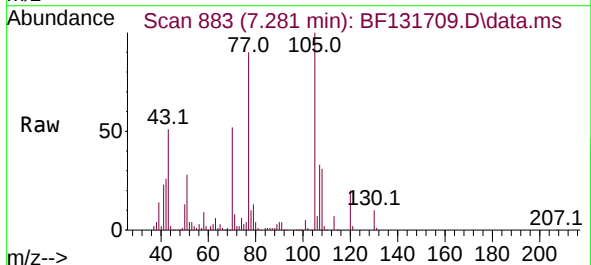
Tgt Ion:136 Resp: 353672
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.8 7.2 10.8
68 5.8 5.0 7.6

Manual Integrations
APPROVED

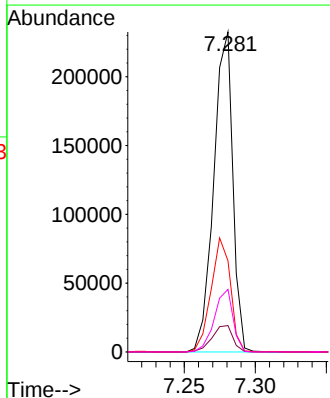
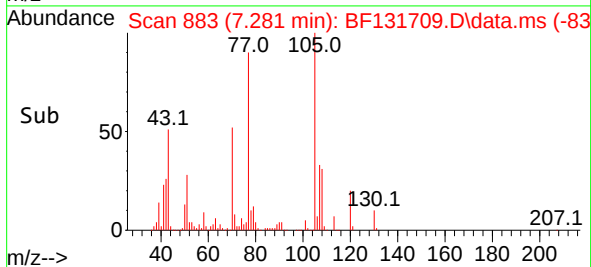
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

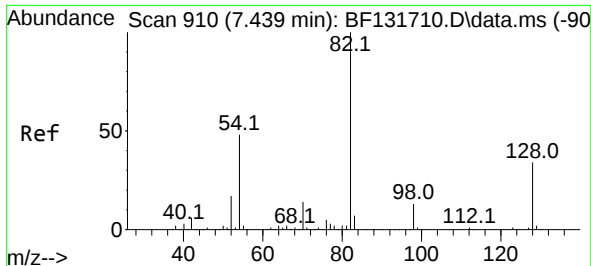


#22
Acetophenone
Concen: 19.638 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion:105 Resp: 217656
Ion Ratio Lower Upper
105 100
71 8.2 5.5 8.3
51 28.5 25.5 38.3
120 19.5 15.9 23.9





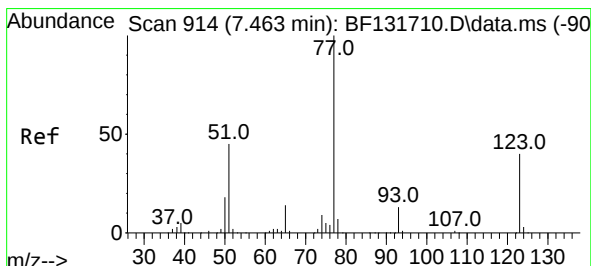
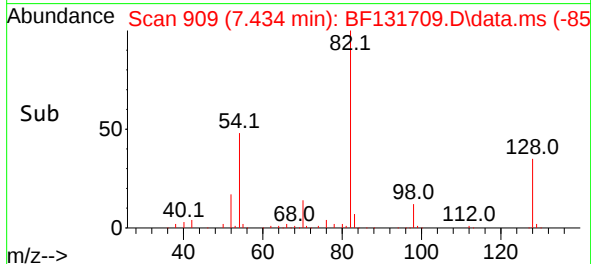
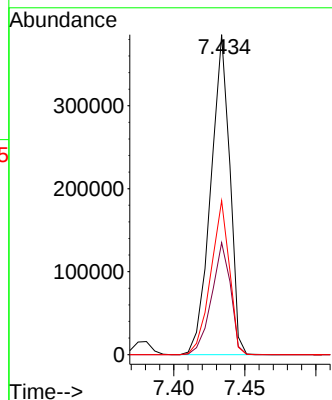
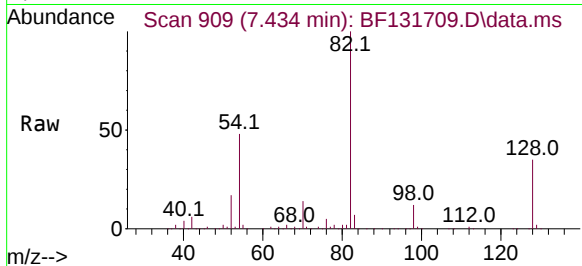
#23
Nitrobenzene-d5
Concen: 38.457 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 35975
Ion Ratio Lower Upper
82 100
128 35.0 27.3 40.9
54 48.1 38.2 57.2

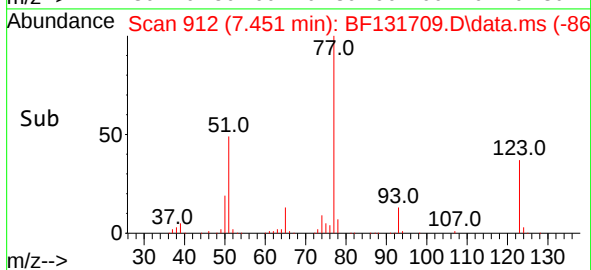
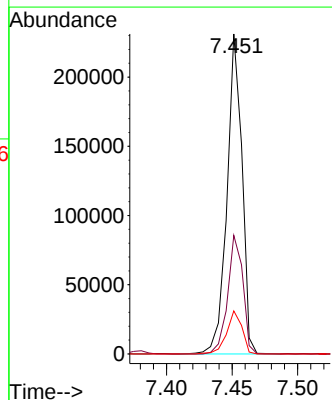
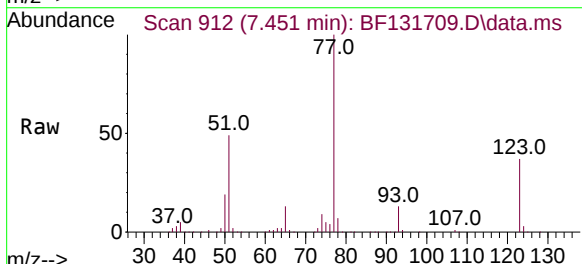
Manual Integrations
APPROVED

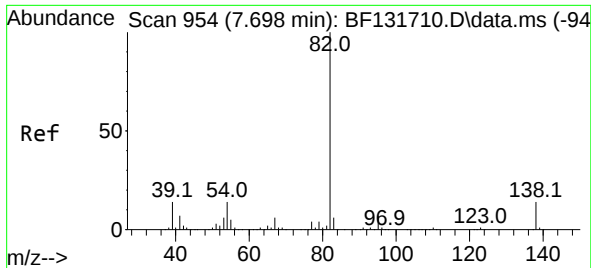
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#24
Nitrobenzene
Concen: 19.514 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion: 77 Resp: 184113
Ion Ratio Lower Upper
77 100
123 37.0 31.8 47.6
65 13.4 10.9 16.3





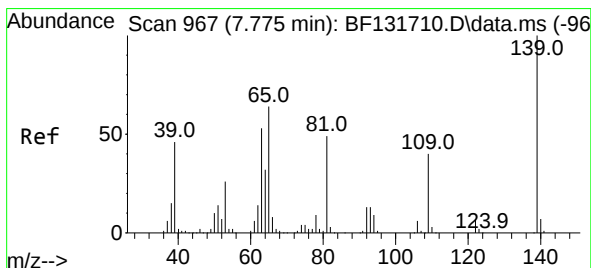
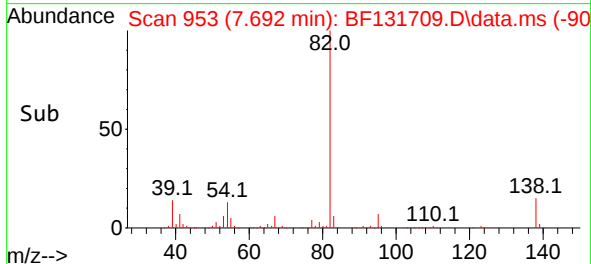
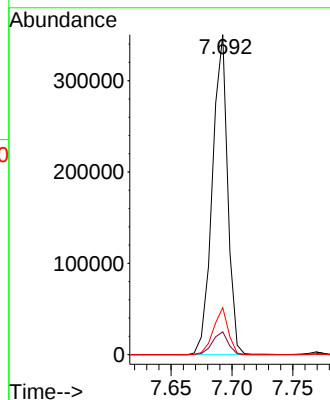
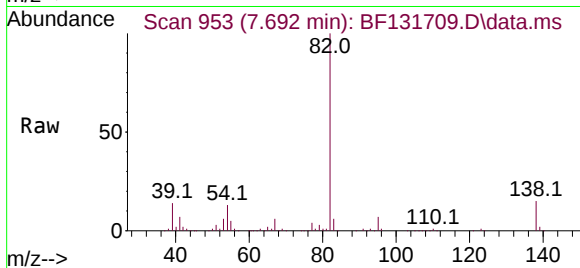
#25
Isophorone
Concen: 20.344 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 306545
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 14.7 11.6 17.4

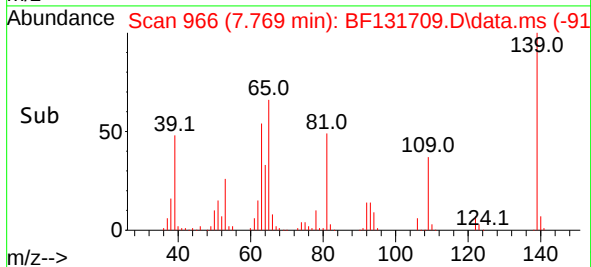
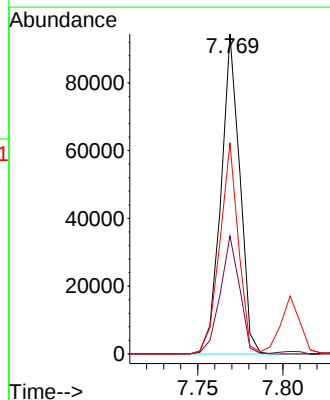
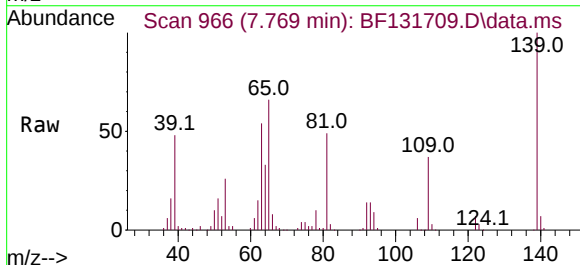
Manual Integrations
APPROVED

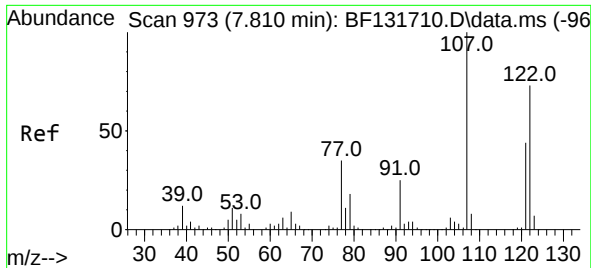
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#26
2-Nitrophenol
Concen: 22.487 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion:139 Resp: 72351
Ion Ratio Lower Upper
139 100
109 36.9 31.8 47.6
65 66.0 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 20.918 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 10316

Ion Ratio Lower Upper

122 100

107 134.1 110.1 165.1

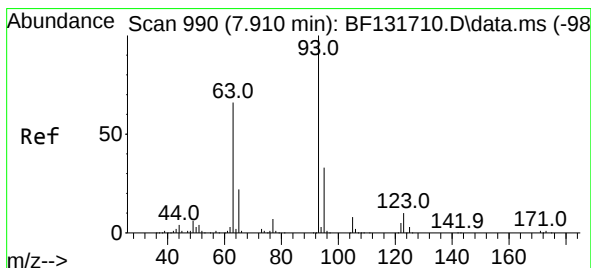
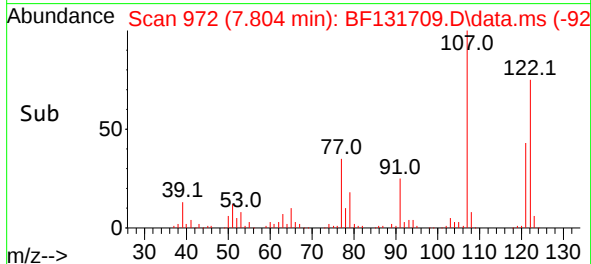
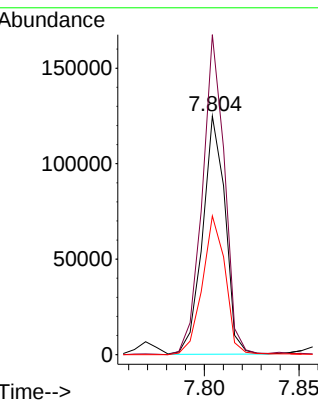
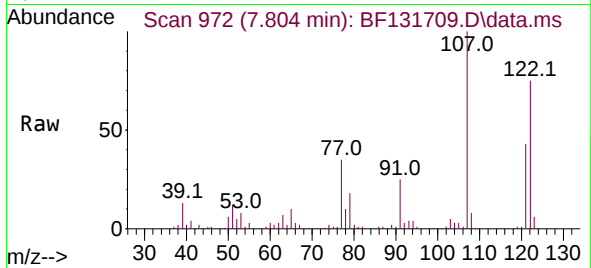
121 58.1 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 20.739 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

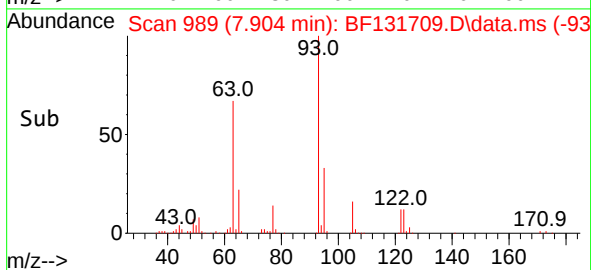
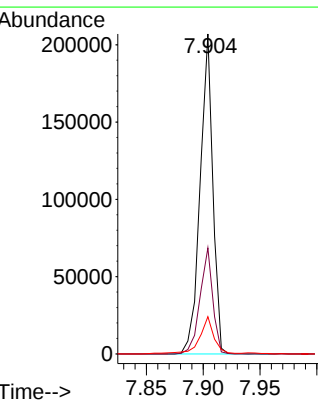
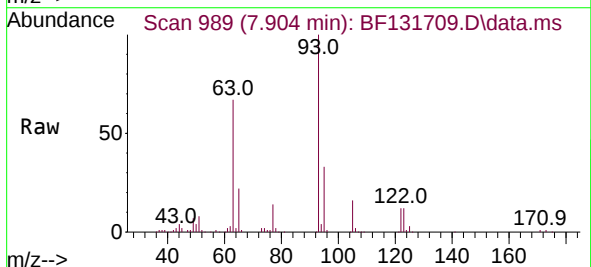
Tgt Ion: 93 Resp: 161658

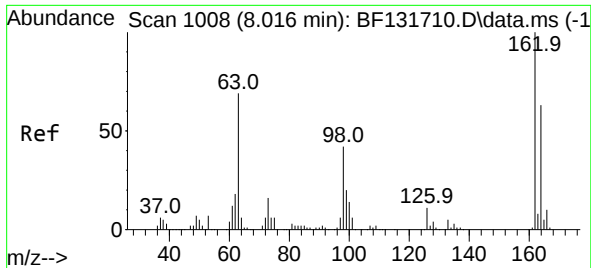
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 11.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 20.585 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 125526

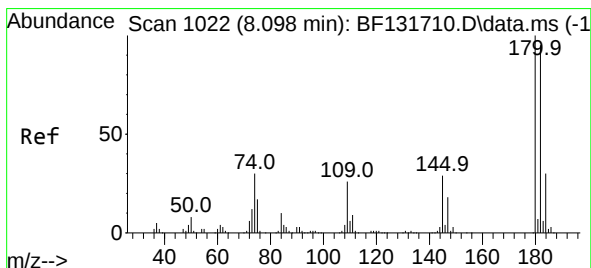
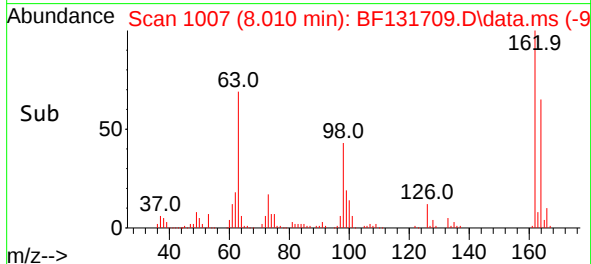
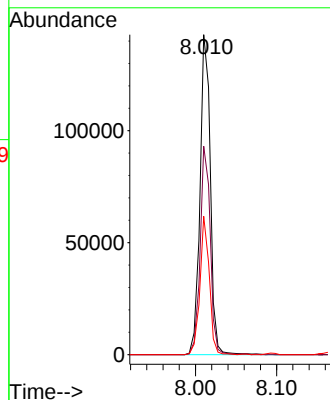
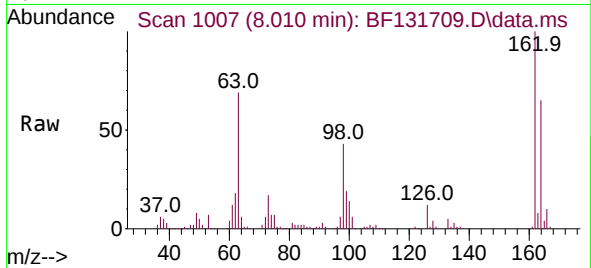
Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.9	82.9
98	43.2	21.9	61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 19.448 ng

RT: 8.092 min Scan# 1021

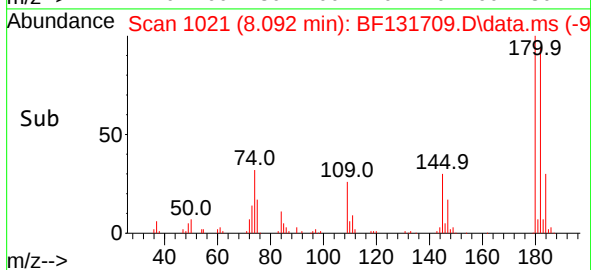
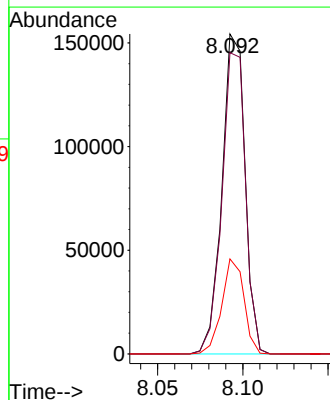
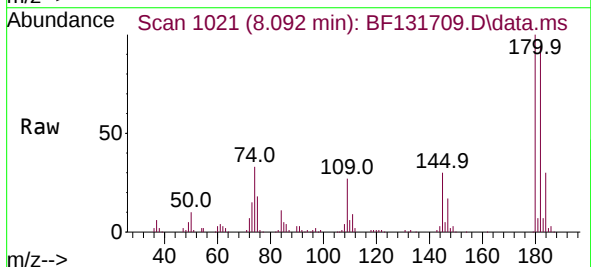
Delta R.T. -0.006 min

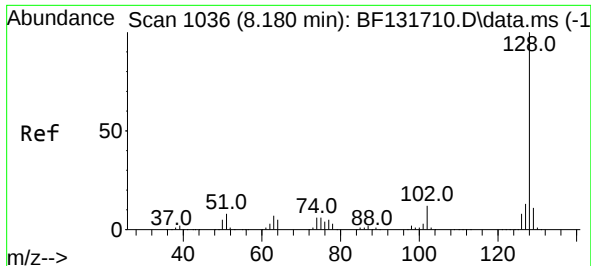
Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Tgt Ion:180 Resp: 145435

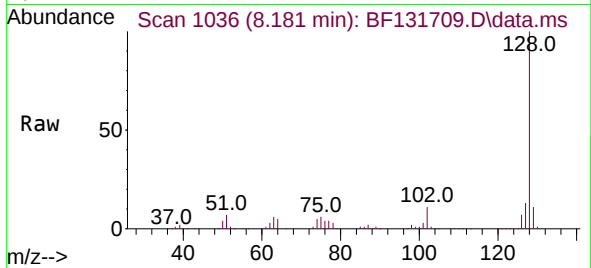
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.1	114.1
145	29.7	23.4	35.0





#31
Naphthalene
Concen: 20.272 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

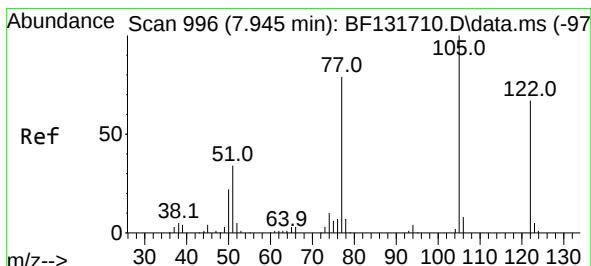
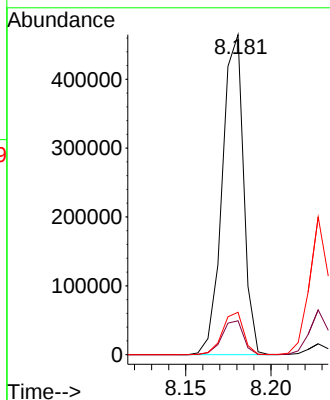
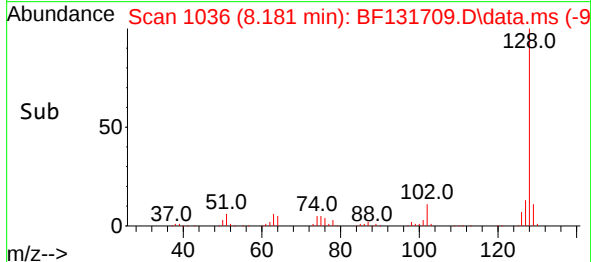
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 403827
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.2 10.6 15.8

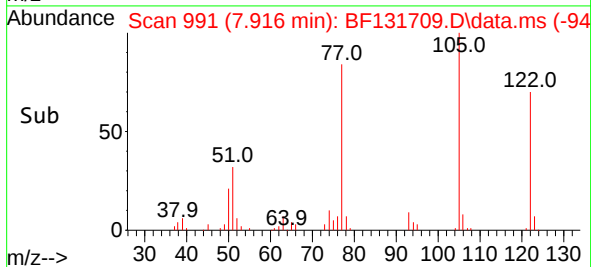
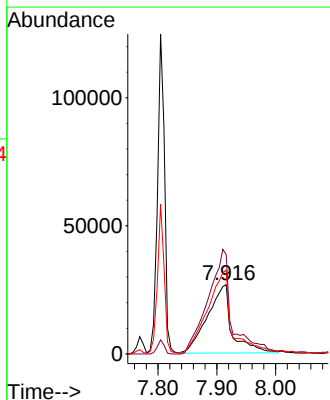
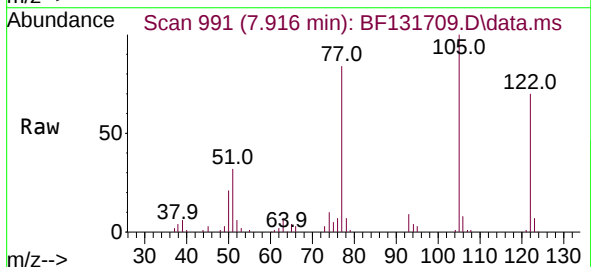
Manual Integrations
APPROVED

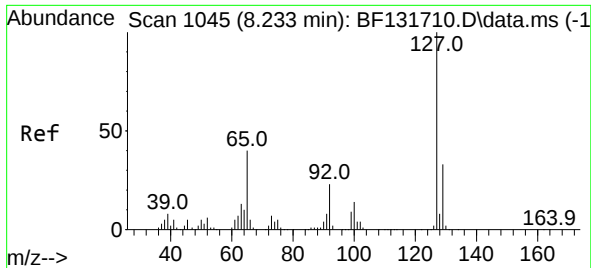
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#32
Benzoic acid
Concen: 21.815 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.029 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion:122 Resp: 77914
Ion Ratio Lower Upper
122 100
105 143.7 125.1 165.1
77 120.9 95.3 135.3





#33
4-Chloroaniline
Concen: 21.179 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

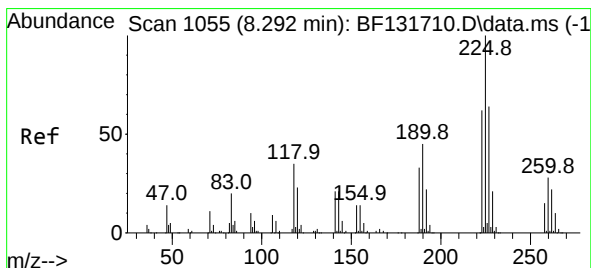
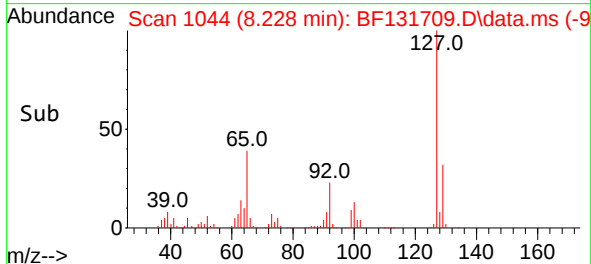
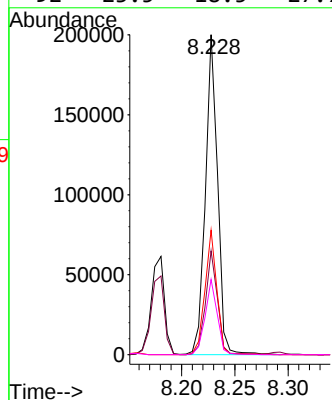
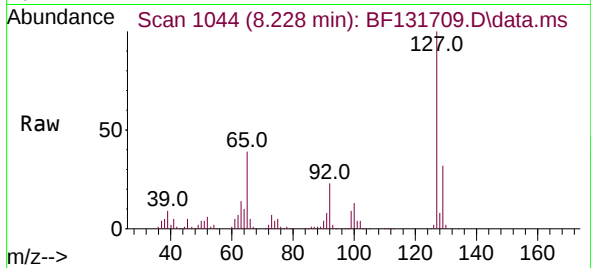
SSTDICC020

Tgt Ion:127 Resp: 158139
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1
65 38.9 31.8 47.6
92 23.5 18.5 27.7

Manual Integrations

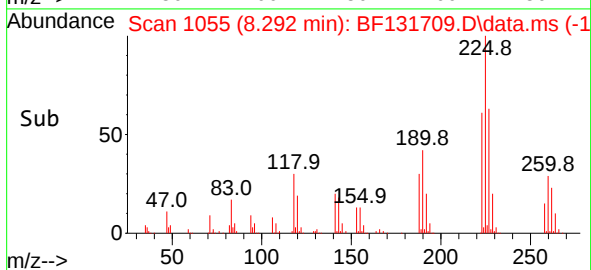
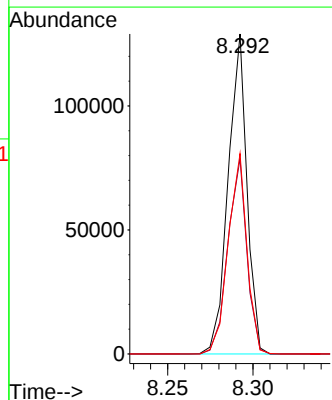
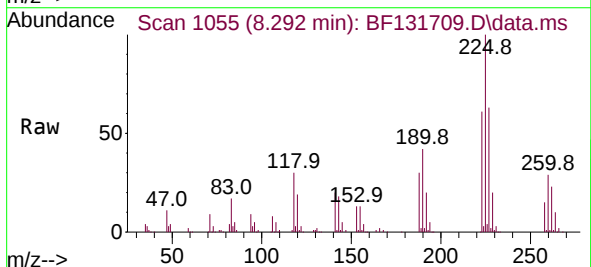
APPROVED

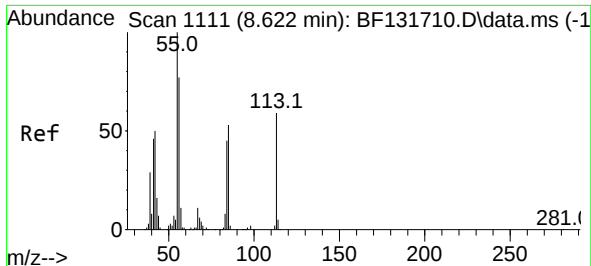
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#34
Hexachlorobutadiene
Concen: 18.718 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

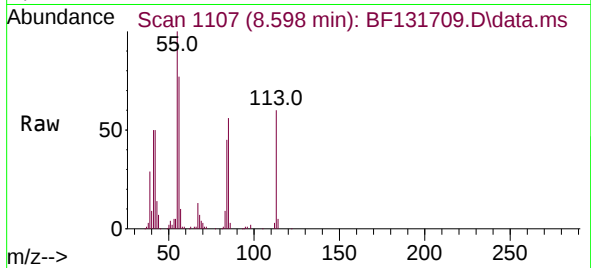
Tgt Ion:225 Resp: 98650
Ion Ratio Lower Upper
225 100
223 61.0 49.5 74.3
227 62.6 51.0 76.4





#35
Caprolactam
Concen: 22.859 ng m
RT: 8.598 min Scan# 1111
Delta R.T. -0.023 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

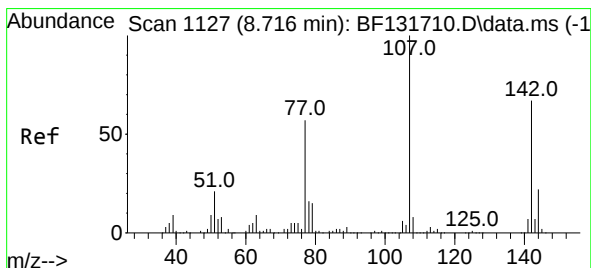
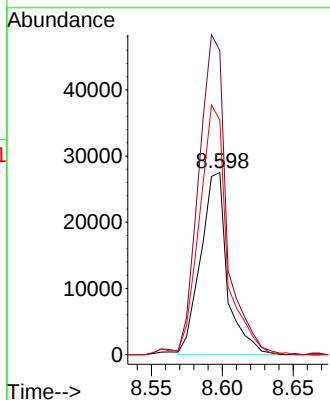
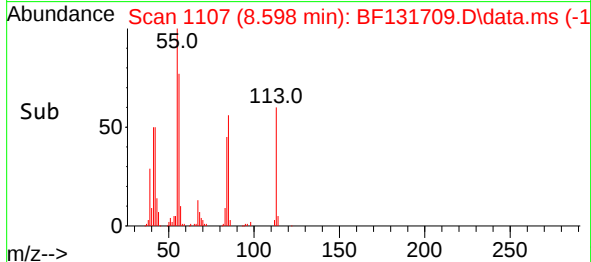
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 36052
Ion Ratio Lower Upper
113 100
55 166.9 149.0 189.0
56 128.8 109.5 149.5

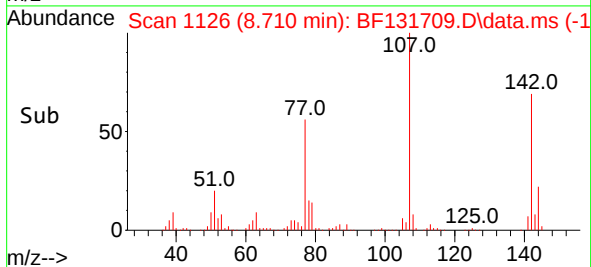
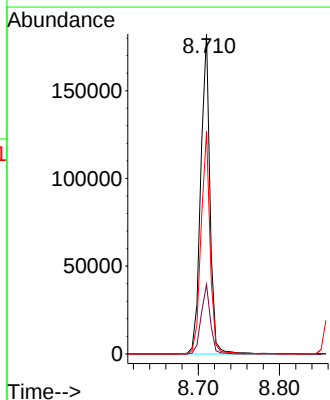
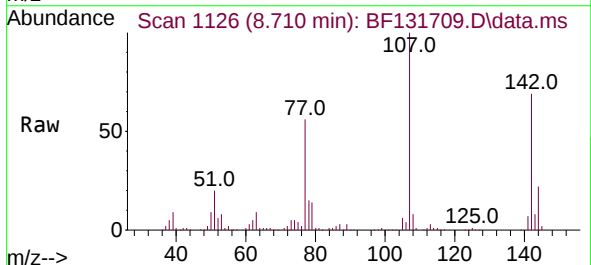
Manual Integrations
APPROVED

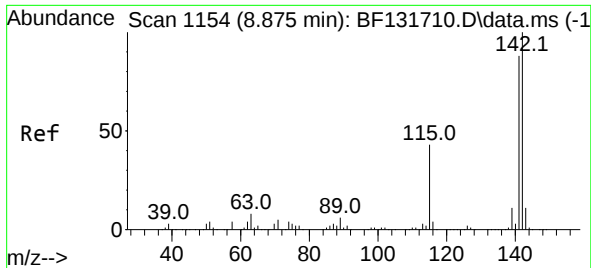
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#36
4-Chloro-3-methylphenol
Concen: 20.866 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

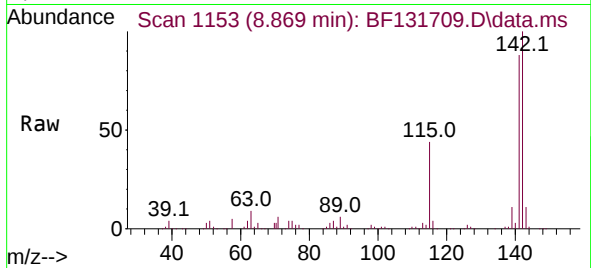
Tgt Ion:107 Resp: 142878
Ion Ratio Lower Upper
107 100
144 21.7 17.5 26.3
142 69.5 53.4 80.0





#37
2-Methylnaphthalene
Concen: 20.343 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

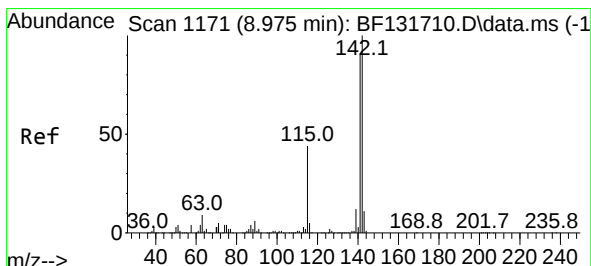
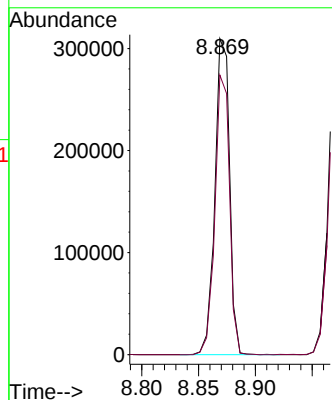
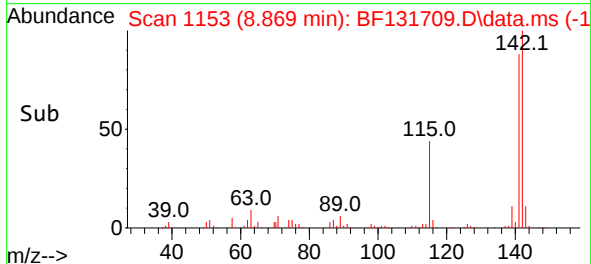
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



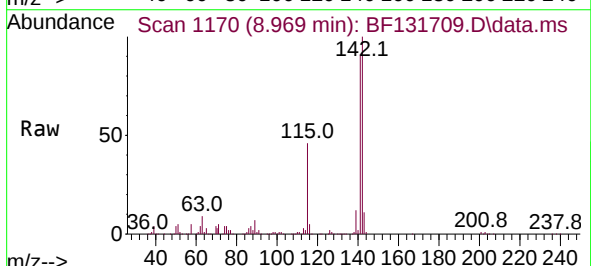
Tgt Ion:142 Resp: 277134
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6

Manual Integrations
APPROVED

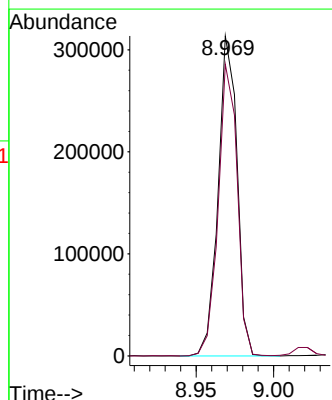
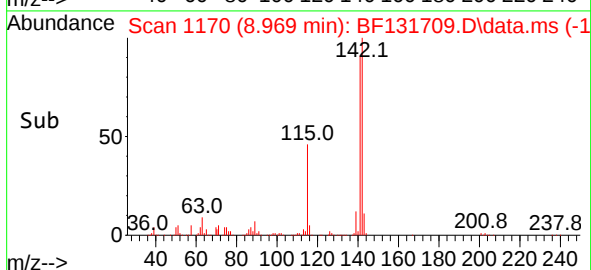
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

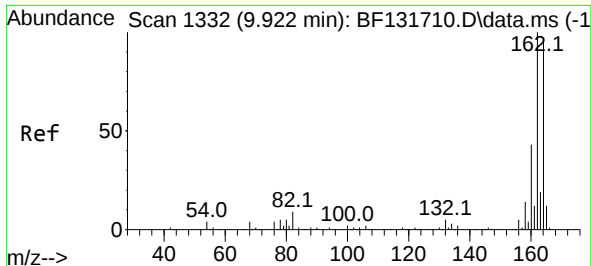


#38
1-Methylnaphthalene
Concen: 20.359 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



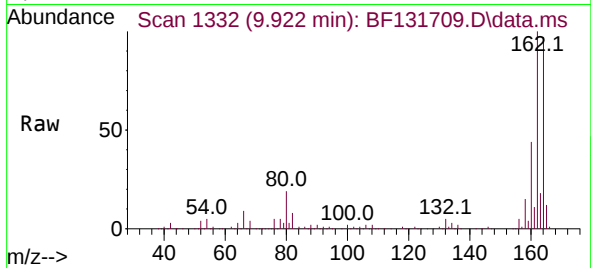
Tgt Ion:142 Resp: 266242
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

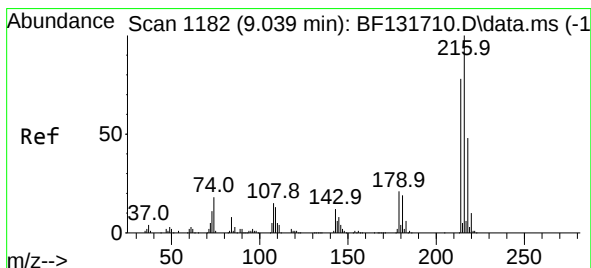
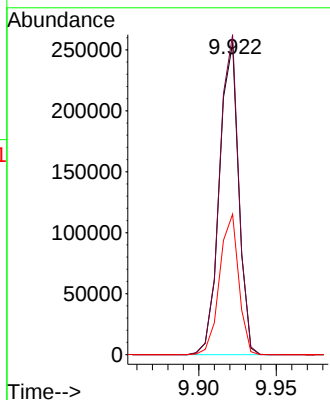
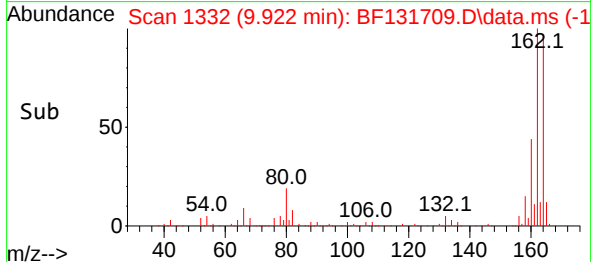
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:164 Resp: 220927
Ion Ratio Lower Upper
164 100
162 102.8 83.7 125.5
160 45.1 36.2 54.4

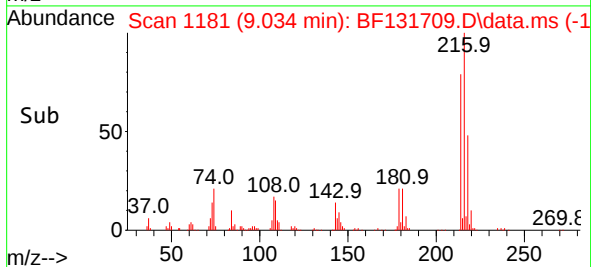
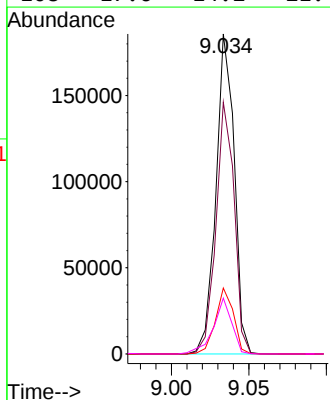
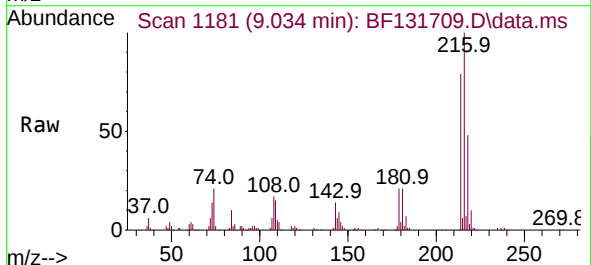
Manual Integrations
APPROVED

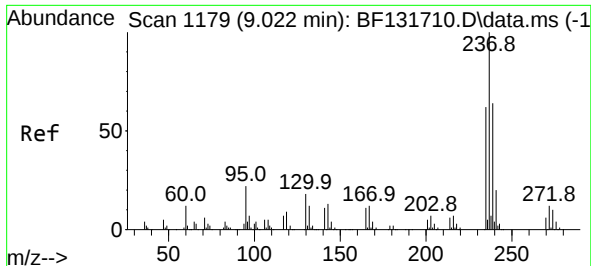
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 18.648 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

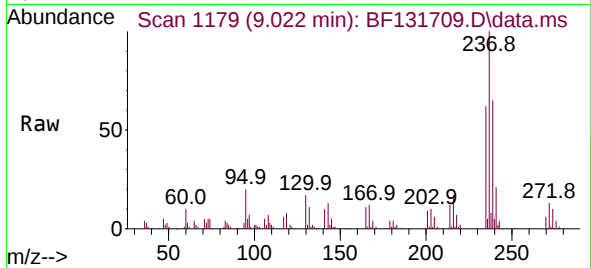
Tgt Ion:216 Resp: 152510
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.2 16.3 24.5
108 17.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 15.094 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

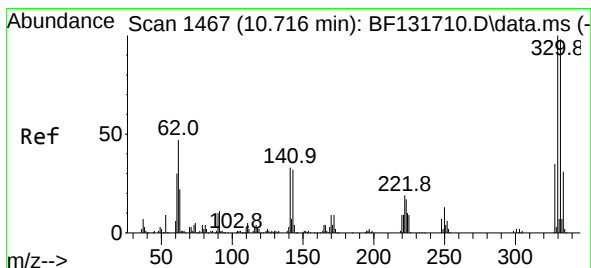
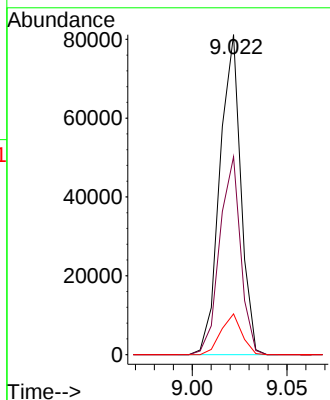
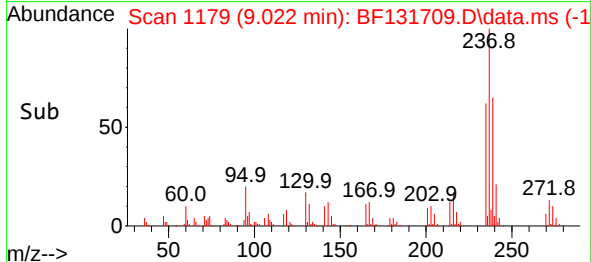
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



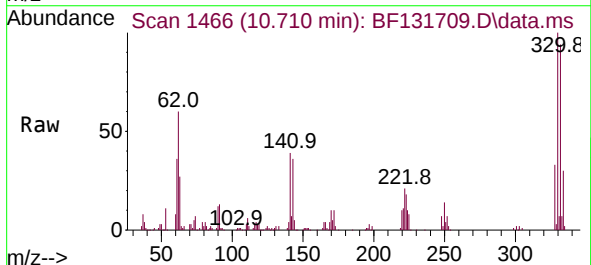
Tgt Ion: 237 Resp: 62655
Ion Ratio Lower Upper
237 100
235 61.8 42.2 82.2
272 12.7 0.0 31.7

Manual Integrations
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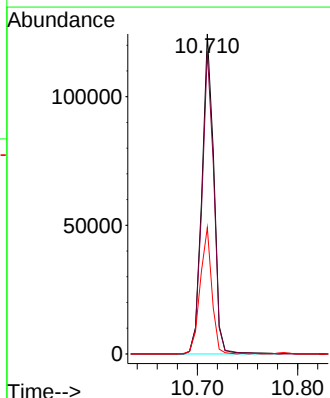
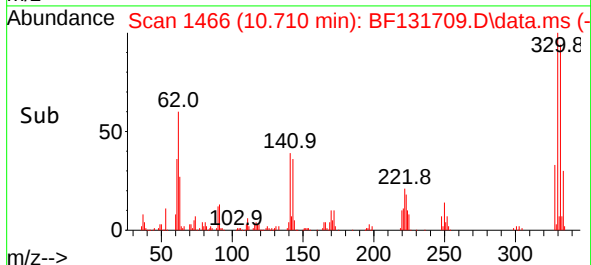
Reviewed By : Christian Giraldo 12/21/2022
Supervised By : Jagrut Upadhyay 12/21/2022

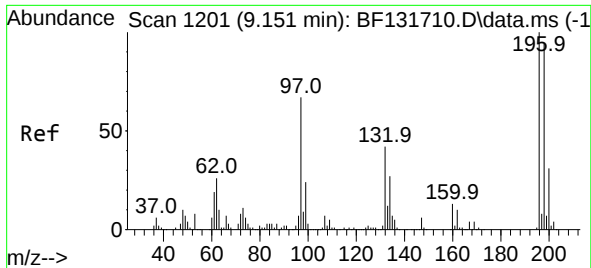


#42
2,4,6-Tribromophenol
Concen: 41.519 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion: 330 Resp: 101910
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 38.6 30.4 45.6





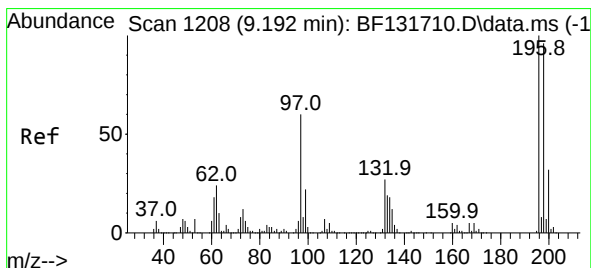
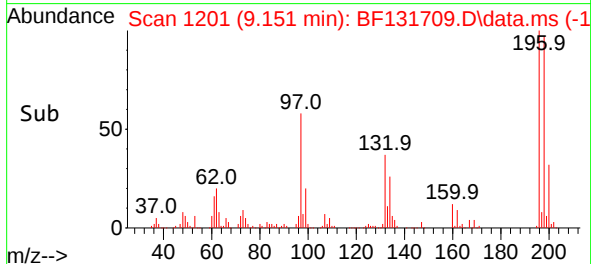
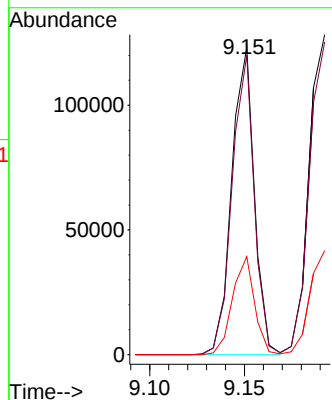
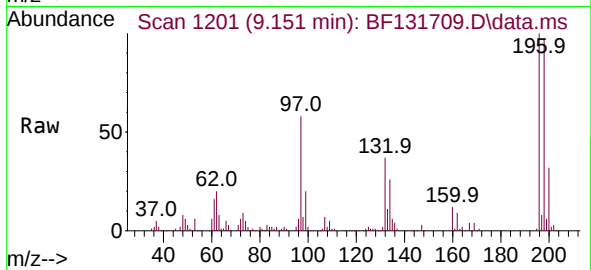
#43
2,4,6-Trichlorophenol
Concen: 20.191 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 102134
Ion Ratio Lower Upper
196 100
198 97.4 75.5 113.3
200 31.9 25.2 37.8

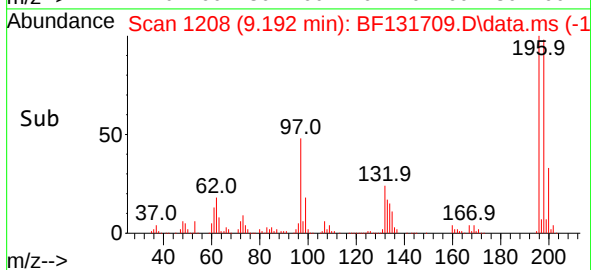
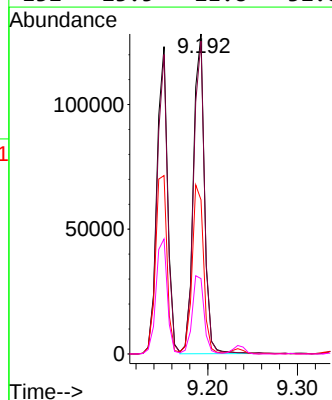
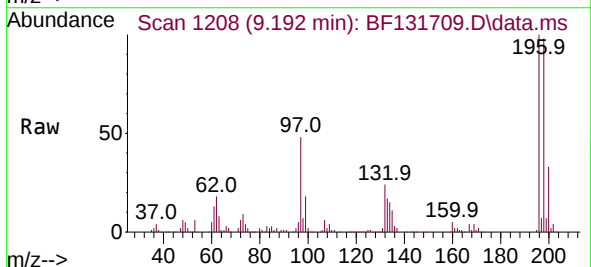
Manual Integrations
APPROVED

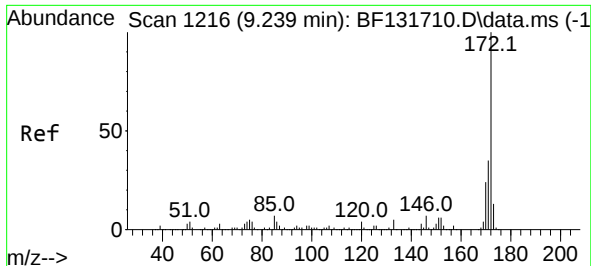
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#44
2,4,5-Trichlorophenol
Concen: 20.142 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

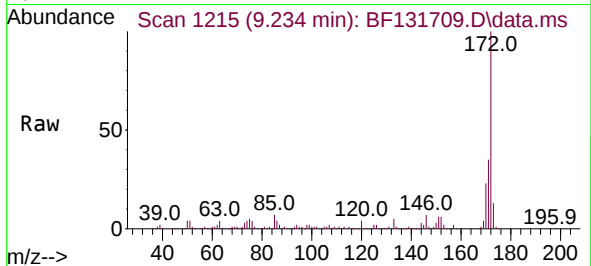
Tgt Ion:196 Resp: 109575
Ion Ratio Lower Upper
196 100
198 97.7 76.6 114.8
97 48.1 47.7 71.5
132 23.5 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 37.216 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

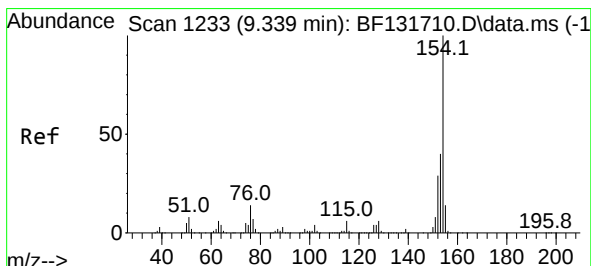
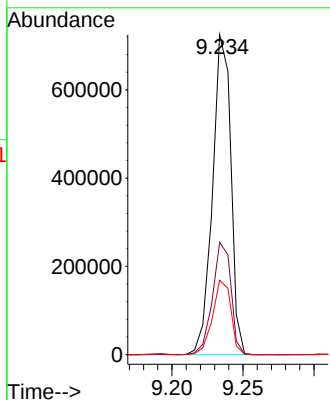
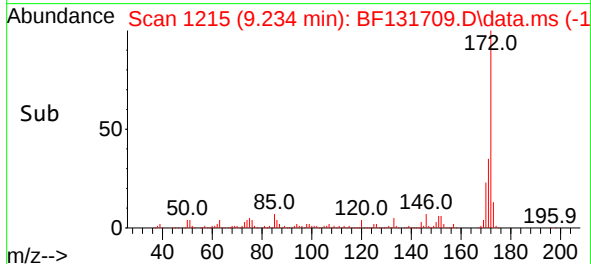
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



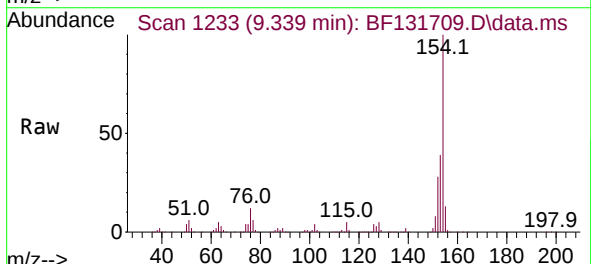
Tgt Ion:172 Resp: 652090
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.2 19.0 28.4

Manual Integrations
APPROVED

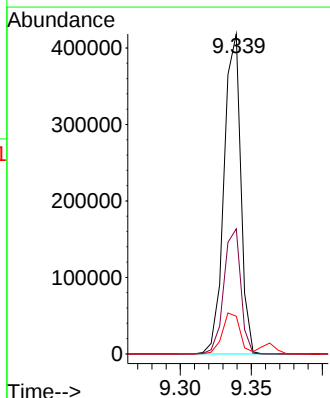
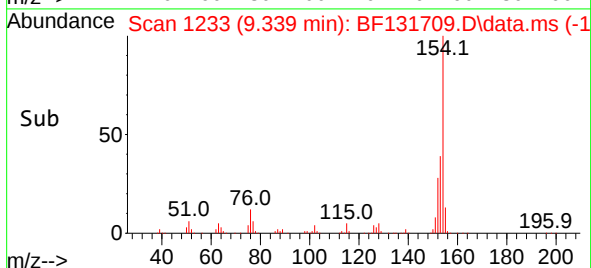
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

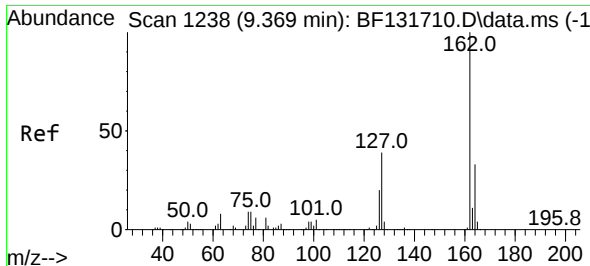


#46
1,1'-Biphenyl
Concen: 19.634 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion:154 Resp: 342962
Ion Ratio Lower Upper
154 100
153 39.1 20.1 60.1
76 11.8 0.0 33.6





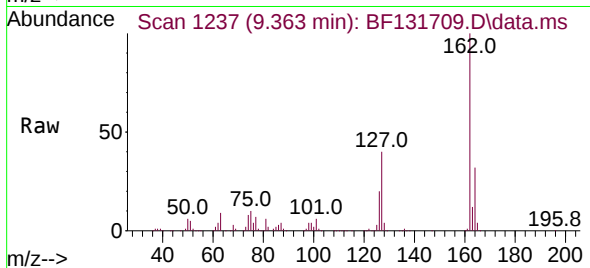
#47
2-Chloronaphthalene
Concen: 19.467 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

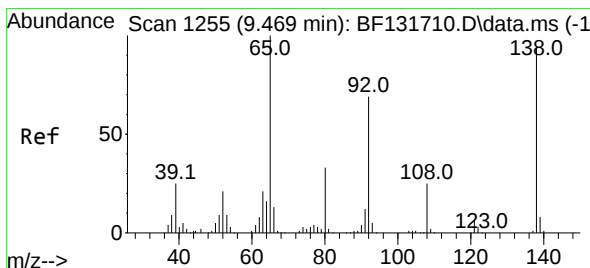
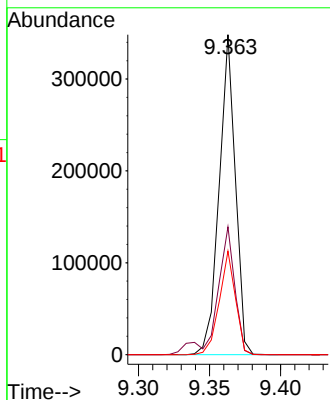
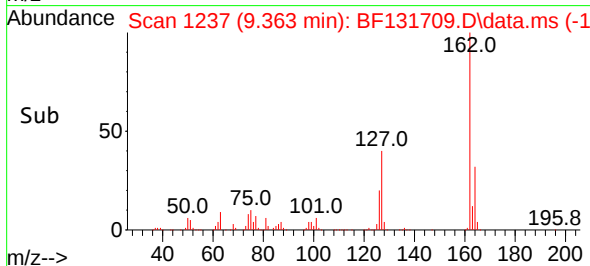


Tgt Ion:162 Resp: 27705
Ion Ratio Lower Upper
162 100
127 39.9 31.4 47.2
164 32.3 26.6 39.8

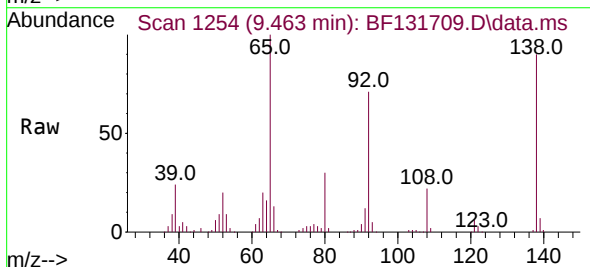
Manual Integrations

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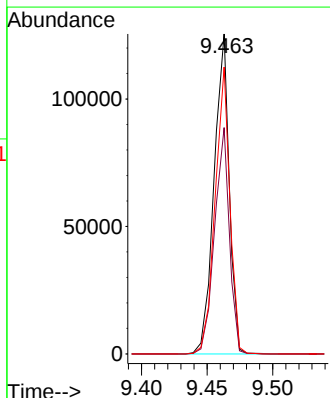
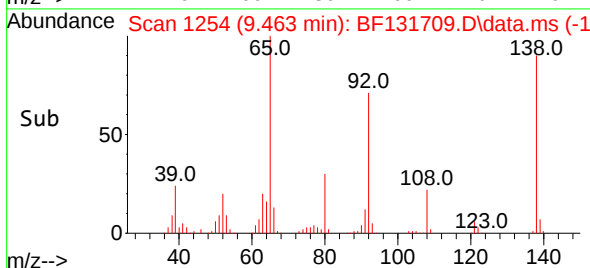
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

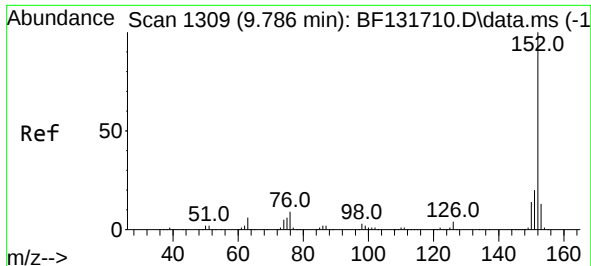


#48
2-Nitroaniline
Concen: 20.063 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion: 65 Resp: 101146
Ion Ratio Lower Upper
65 100
92 70.7 55.5 83.3
138 89.6 74.8 112.2





#49

Acenaphthylene

Concen: 20.146 ng

RT: 9.781 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

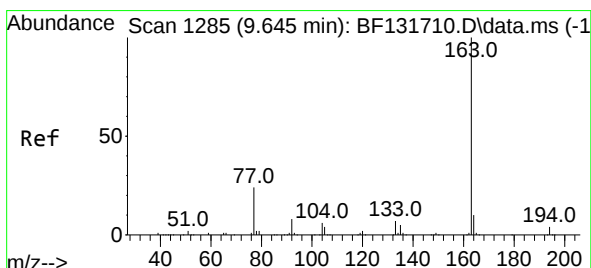
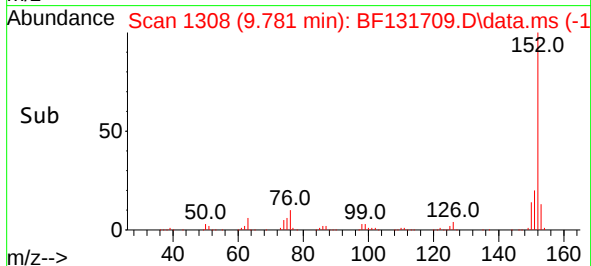
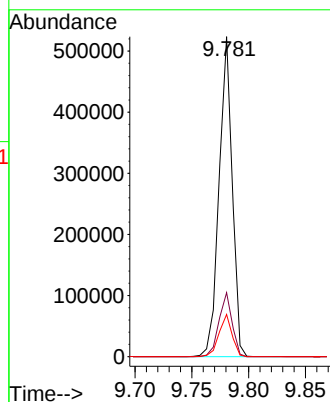
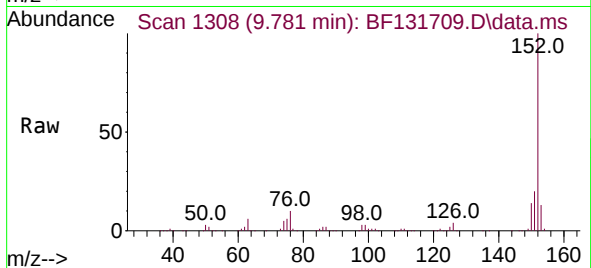
SSTDICC020

Tgt Ion:152 Resp: 420987
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.8 23.8
 153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#50

Dimethylphthalate

Concen: 20.466 ng

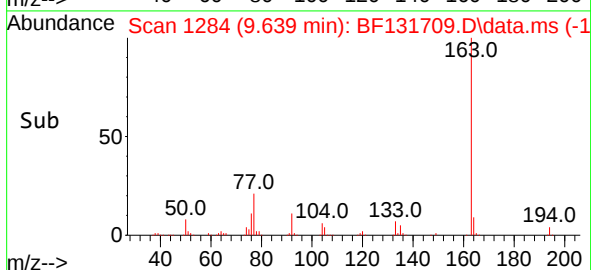
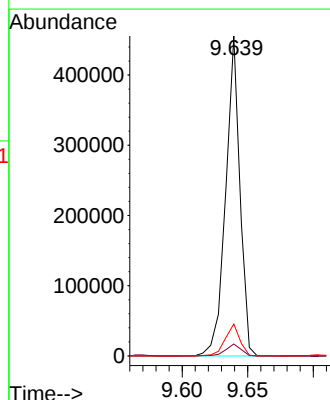
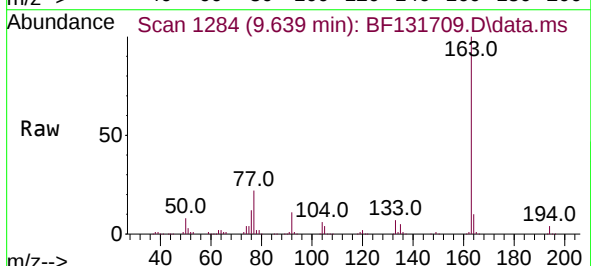
RT: 9.639 min Scan# 1284

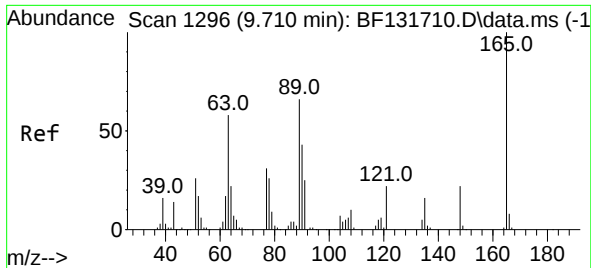
Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Tgt Ion:163 Resp: 344675
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.1 4.7
 164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 21.199 ng

RT: 9.704 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 73706

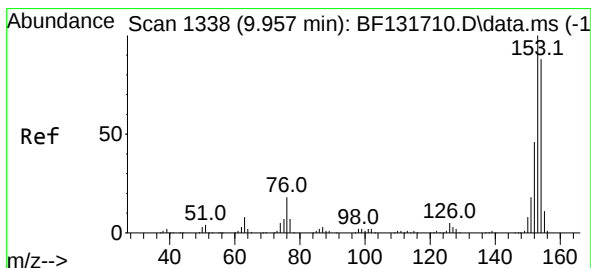
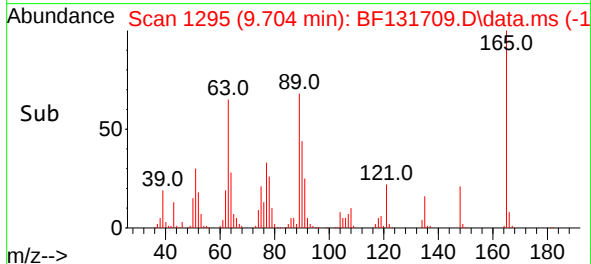
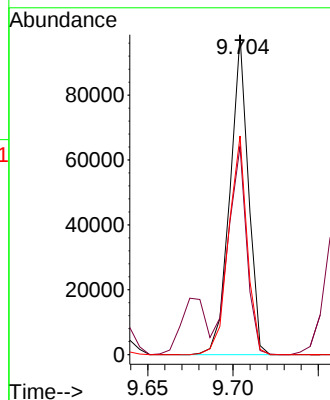
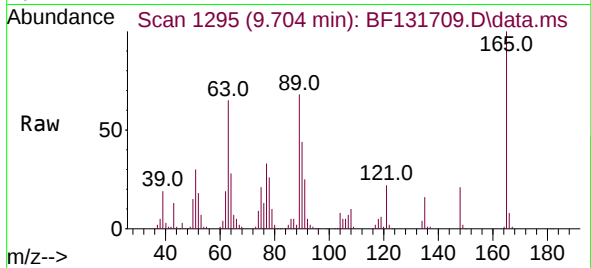
Ion	Ratio	Lower	Upper
165	100		
63	65.1	51.8	77.8
89	68.4	53.2	79.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#52

Acenaphthene

Concen: 18.321 ng

RT: 9.951 min Scan# 1337

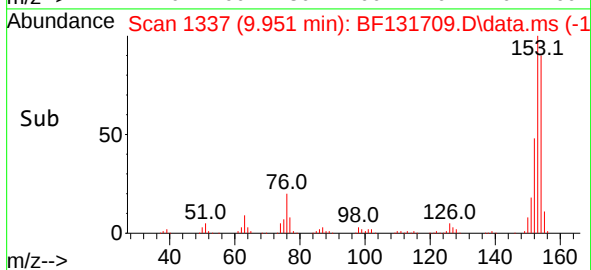
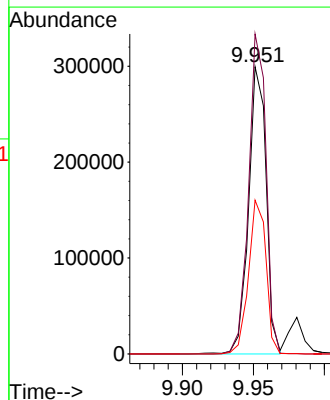
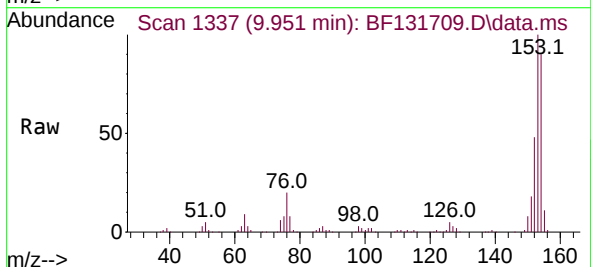
Delta R.T. -0.006 min

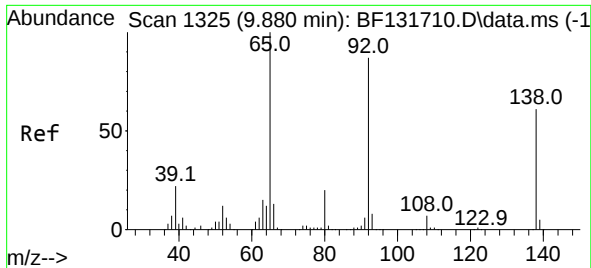
Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Tgt Ion:154 Resp: 256477

Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.4	135.6
152	53.5	42.0	63.0





#53
3-Nitroaniline
Concen: 22.547 ng
RT: 9.875 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

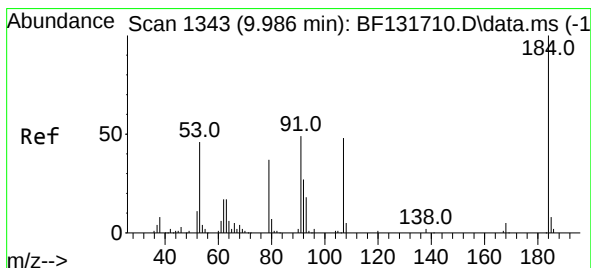
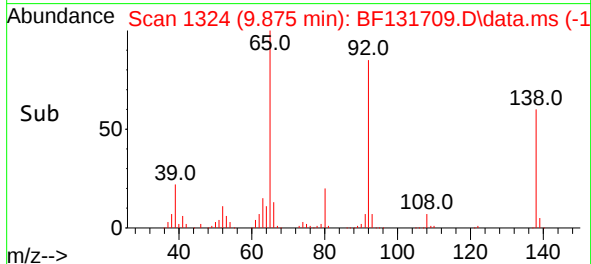
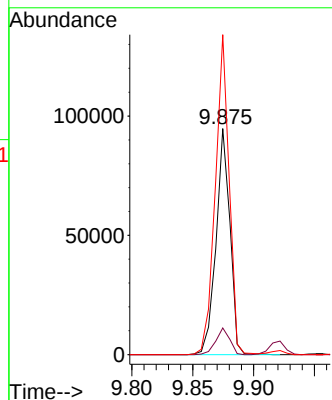
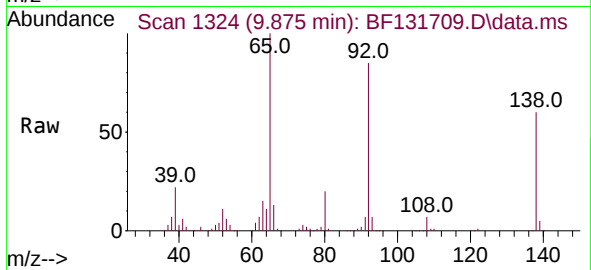
ClientSampleId :

SSTDICC020

Tgt Ion:138 Resp: 75216
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 141.6 114.6 171.8

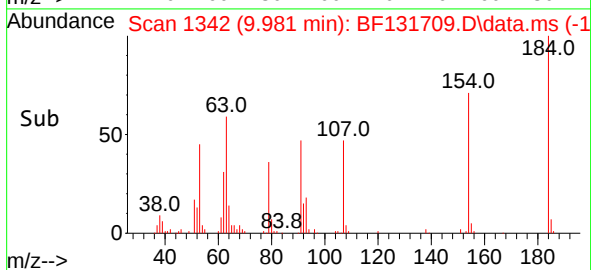
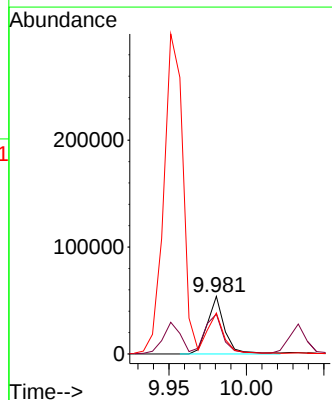
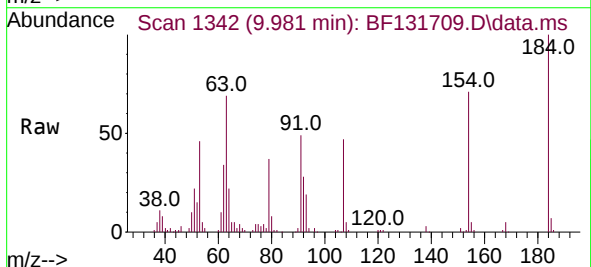
Manual Integrations
APPROVED

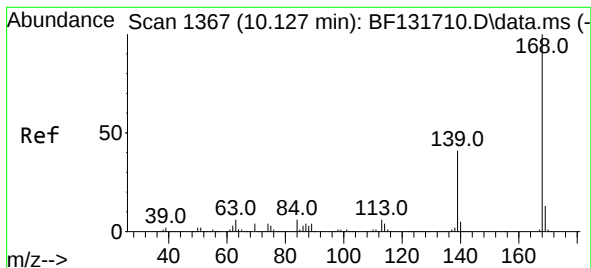
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#54
2,4-Dinitrophenol
Concen: 23.634 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion:184 Resp: 41248
Ion Ratio Lower Upper
184 100
63 69.2 55.8 83.8
154 70.9 57.1 85.7





#55

Dibenzofuran

Concen: 20.206 ng

RT: 10.128 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

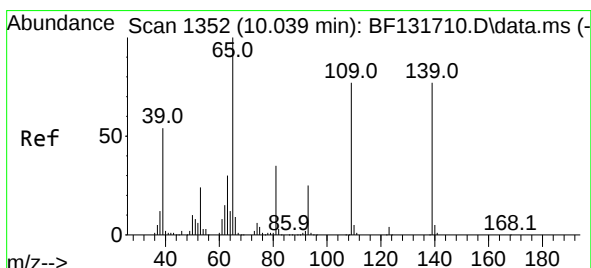
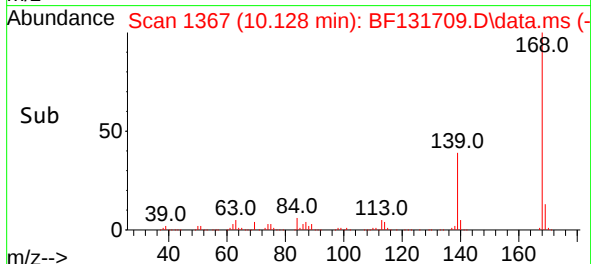
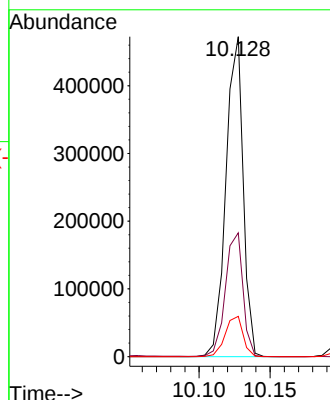
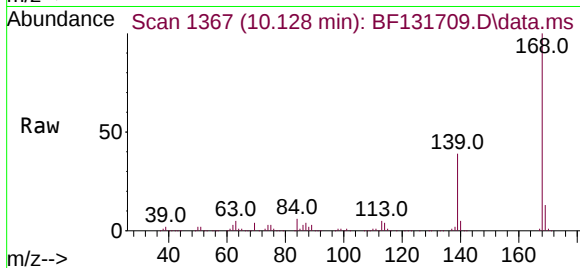
SSTDICC020

Tgt Ion:168 Resp: 399652
 Ion Ratio Lower Upper
 168 100
 139 38.7 32.7 49.1
 169 12.6 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#56

4-Nitrophenol

Concen: 23.526 ng

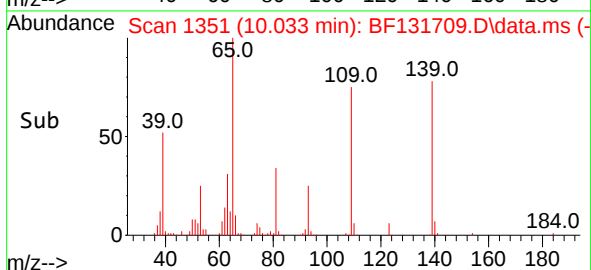
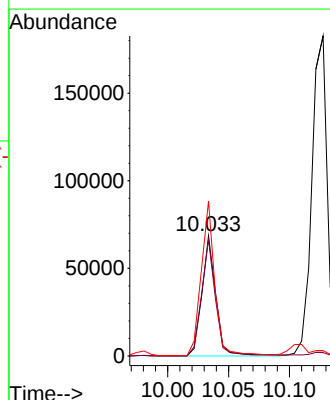
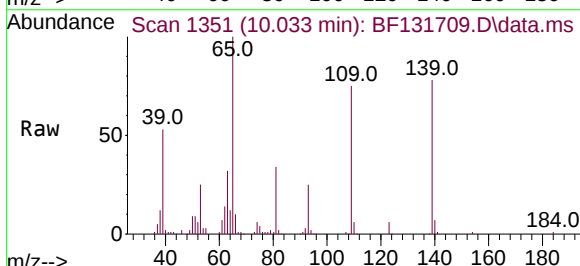
RT: 10.033 min Scan# 1351

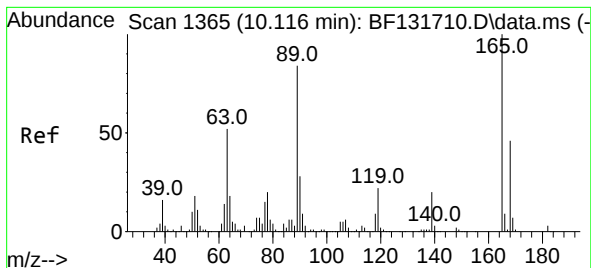
Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Tgt Ion:139 Resp: 54520
 Ion Ratio Lower Upper
 139 100
 109 97.0 79.9 119.9
 65 129.0 110.2 150.2





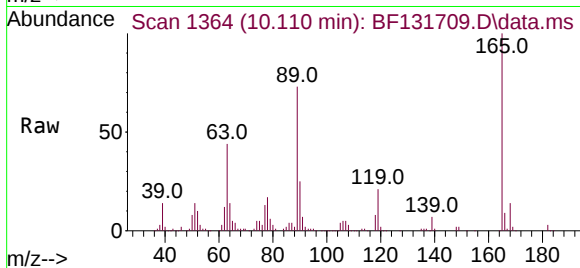
#57
2,4-Dinitrotoluene
Concen: 21.867 ng
RT: 10.110 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

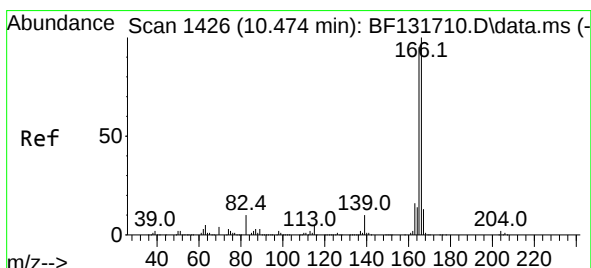
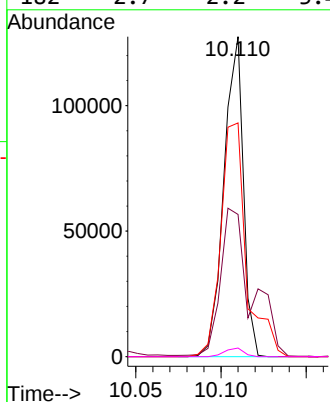
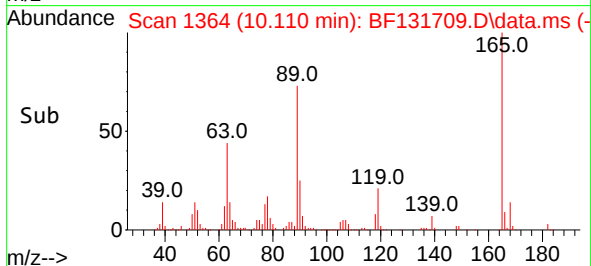


Tgt Ion:165 Resp: 100856
Ion Ratio Lower Upper
165 100
63 44.4 41.5 62.3
89 73.0 67.0 100.4
182 2.7 2.2 3.4

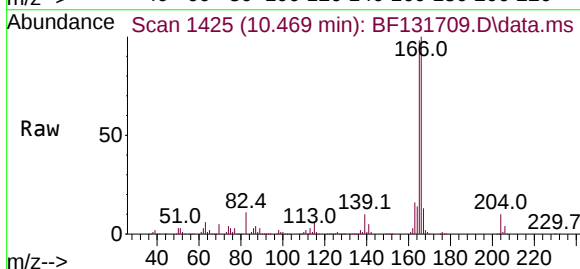
Manual Integrations

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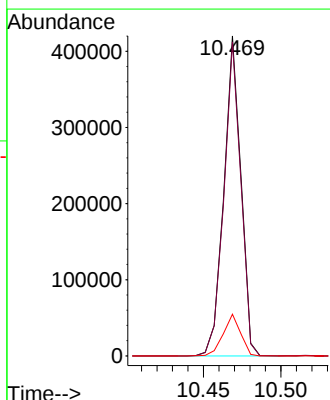
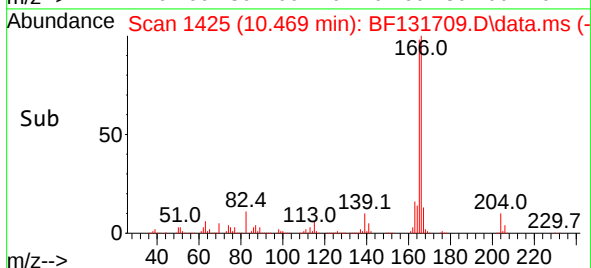
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

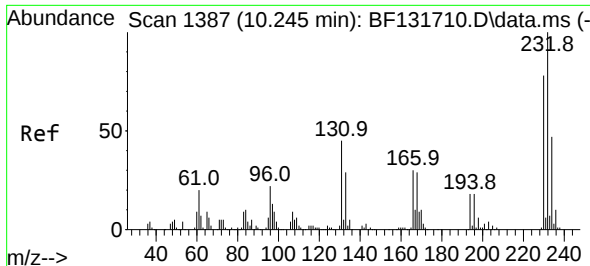


#58
Fluorene
Concen: 19.952 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



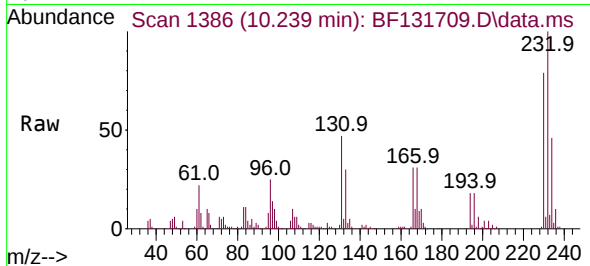
Tgt Ion:166 Resp: 320826
Ion Ratio Lower Upper
166 100
165 98.1 75.8 113.8
167 13.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.917 ng m
RT: 10.239 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

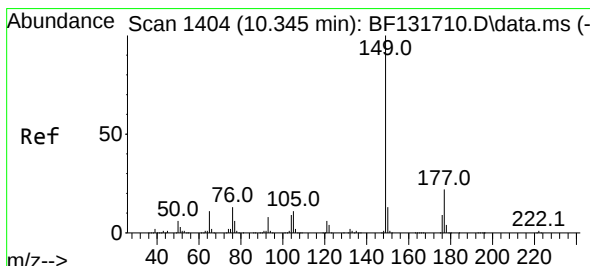
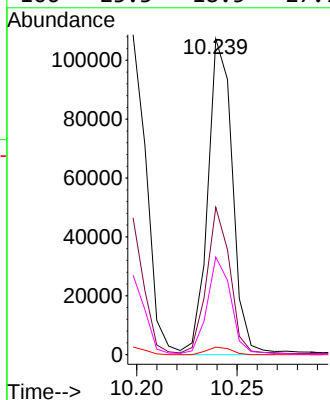
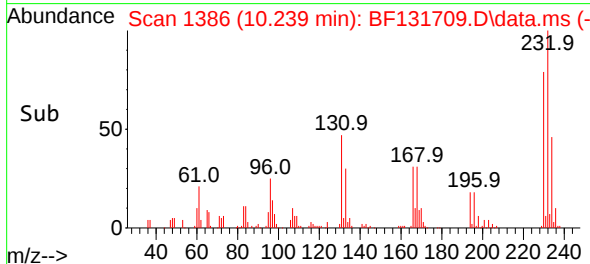
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 91751
Ion Ratio Lower Upper
232 100
131 38.0 29.9 44.9
130 2.2 1.7 2.5
166 23.3 18.5 27.7

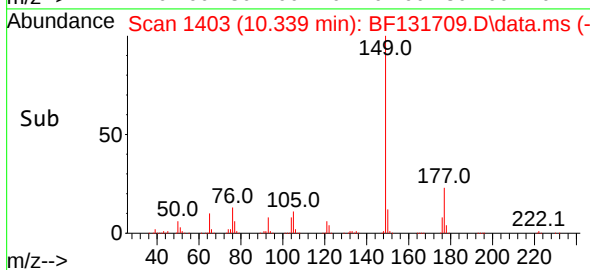
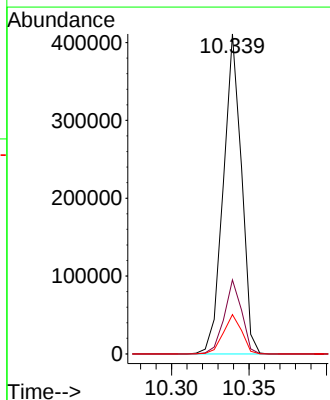
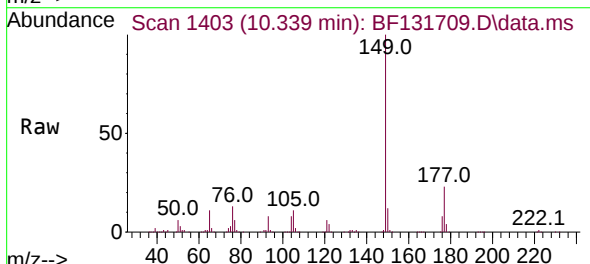
Manual Integrations
APPROVED

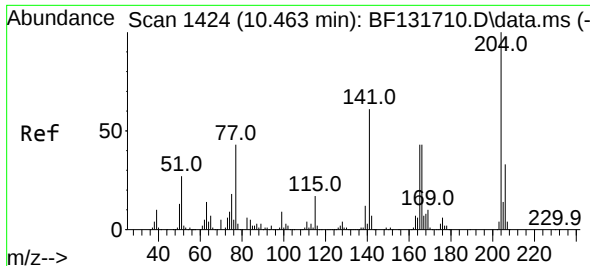
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#60
Diethylphthalate
Concen: 20.667 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

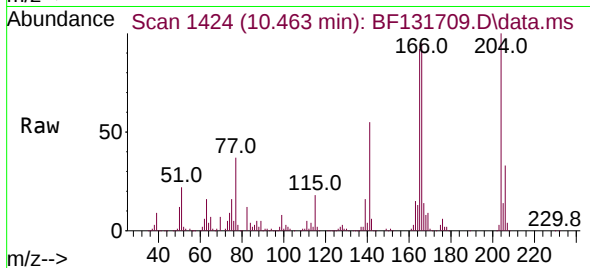
Tgt Ion:149 Resp: 334019
Ion Ratio Lower Upper
149 100
177 23.1 17.4 26.0
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 19.201 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

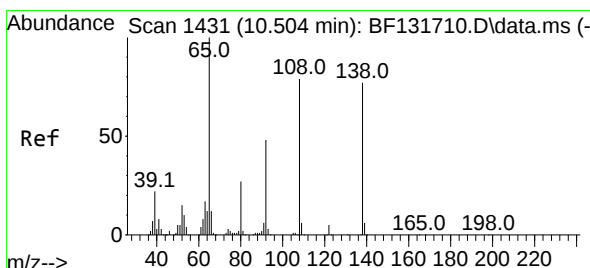
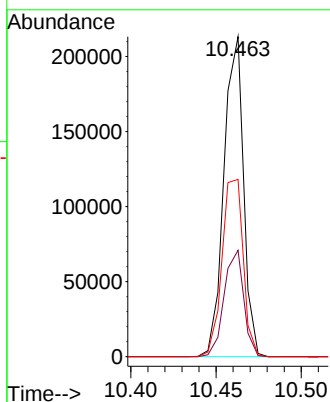
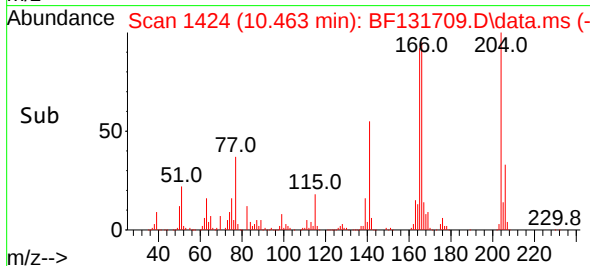
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 170621
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 55.4 48.6 72.8

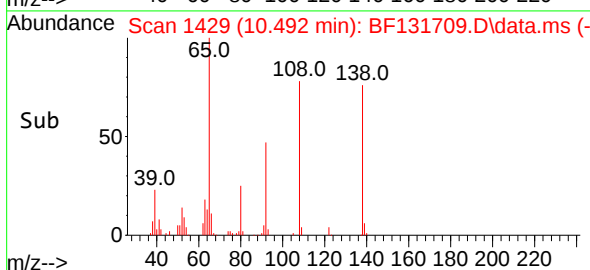
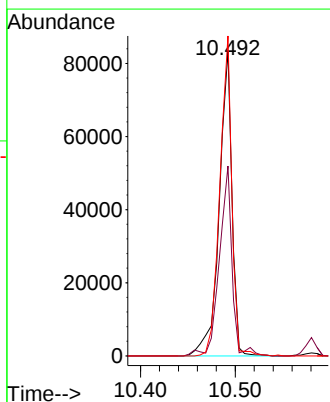
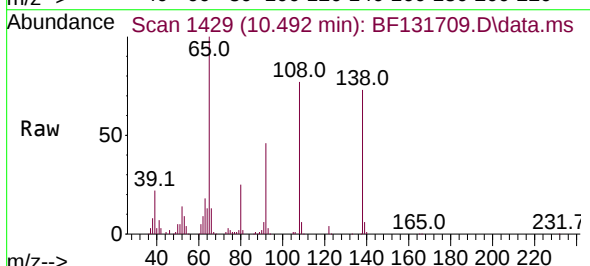
Manual Integrations
APPROVED

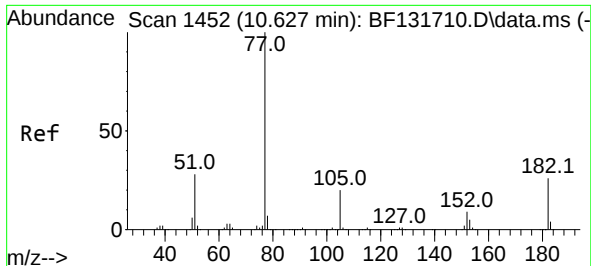
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#62
4-Nitroaniline
Concen: 23.567 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

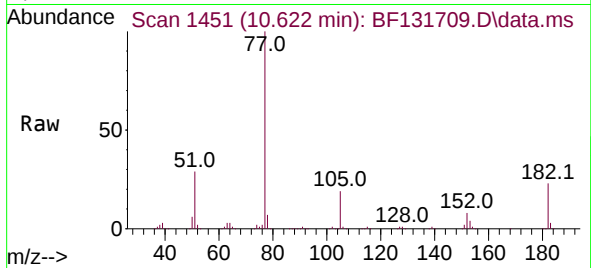
Tgt Ion:138 Resp: 77908
Ion Ratio Lower Upper
138 100
92 62.2 42.1 82.1
108 104.9 83.1 123.1





#63
Azobenzene
Concen: 19.899 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

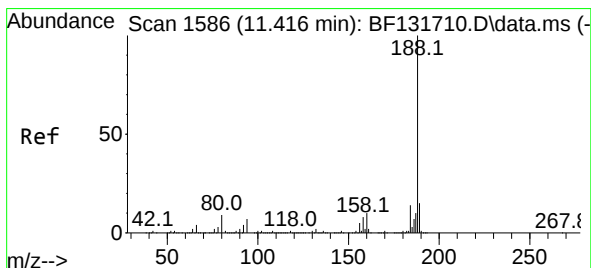
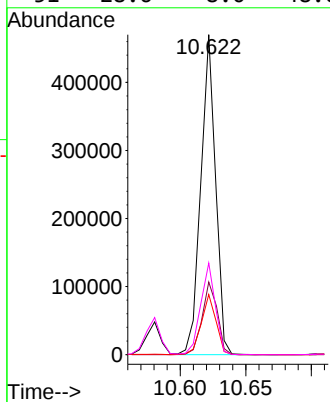
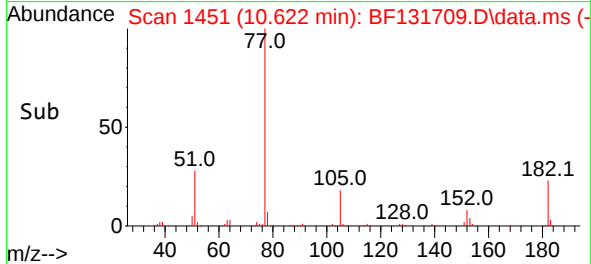
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



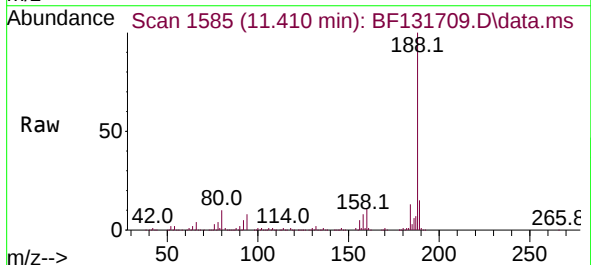
Tgt Ion: 77 Resp: 366804
Ion Ratio Lower Upper
77 100
182 22.7 5.8 45.8
105 18.8 0.0 39.7
51 28.6 8.0 48.0

Manual Integrations
APPROVED

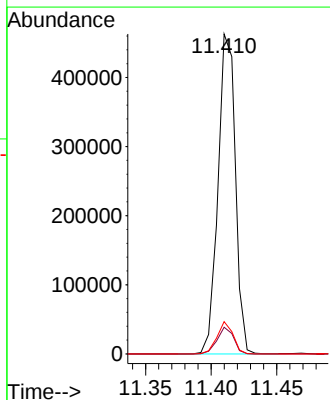
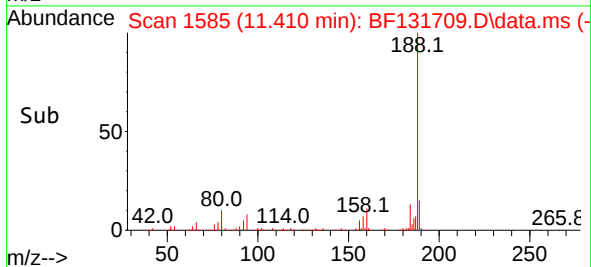
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

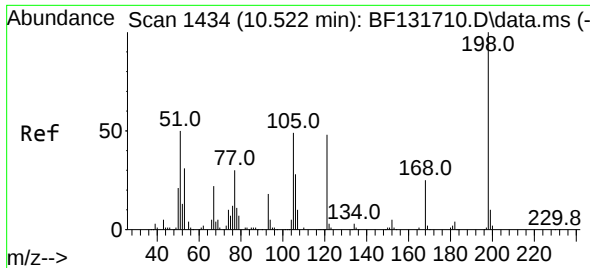


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion:188 Resp: 427805
Ion Ratio Lower Upper
188 100
94 8.3 5.9 8.9
80 10.1 7.0 10.6





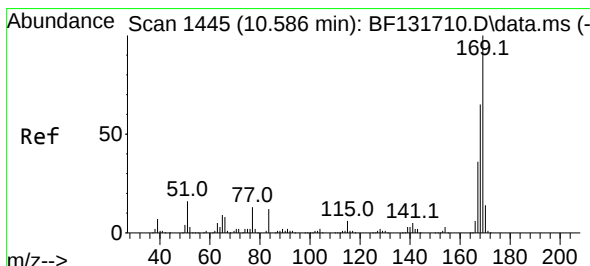
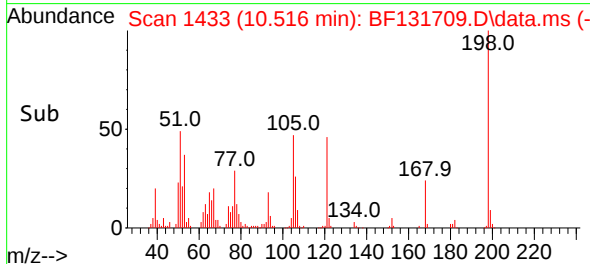
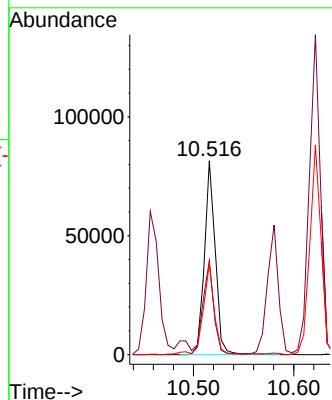
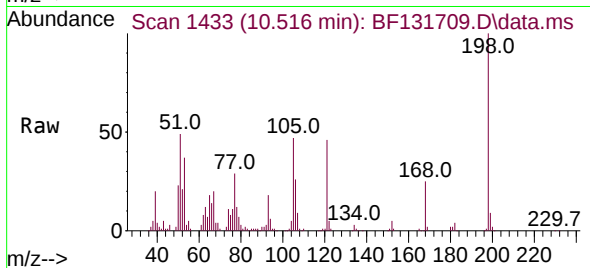
#65
4,6-Dinitro-2-methylphenol
Concen: 22.556 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 61118
Ion Ratio Lower Upper
198 100
51 48.6 34.1 74.1
105 46.6 29.7 69.7

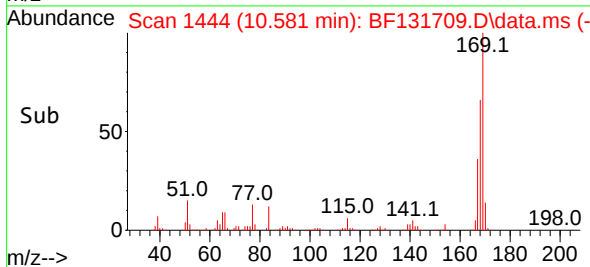
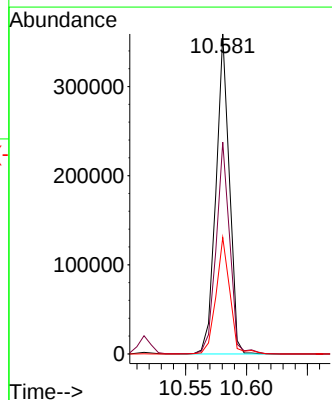
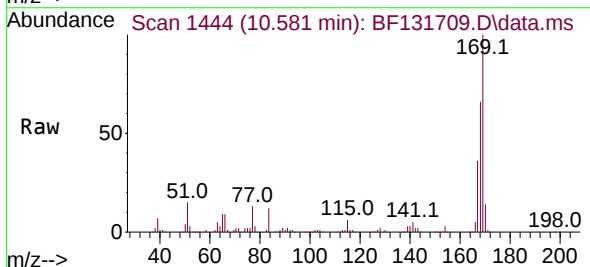
Manual Integrations
APPROVED

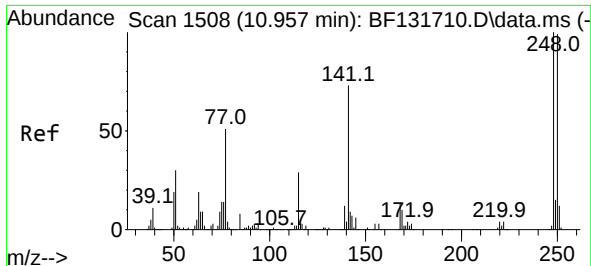
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#66
n-Nitrosodiphenylamine
Concen: 19.858 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Tgt Ion:169 Resp: 274647
Ion Ratio Lower Upper
169 100
168 66.2 52.4 78.6
167 36.4 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 18.938 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

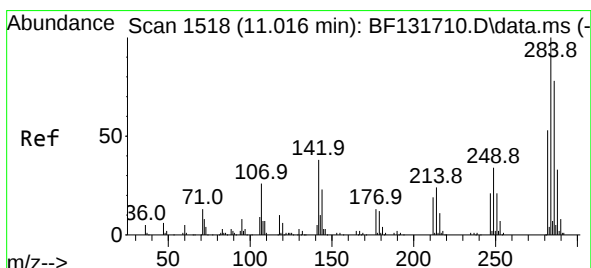
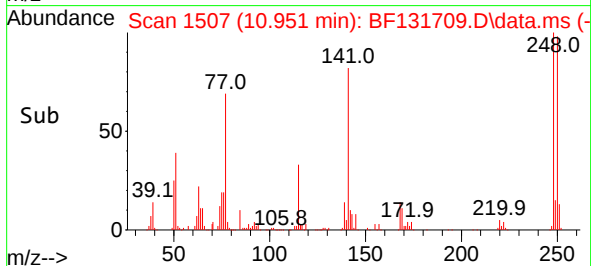
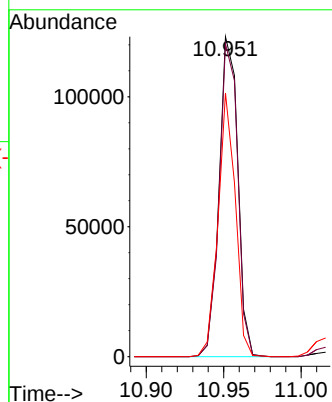
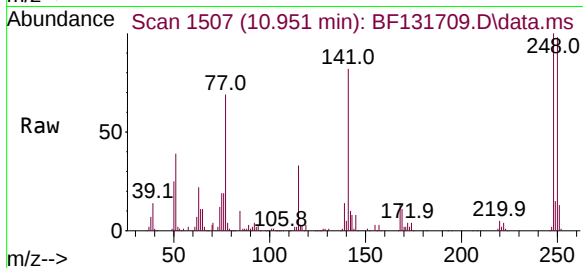
SSTDICC020

Tgt Ion:248 Resp: 104226
Ion Ratio Lower Upper
248 100
250 97.7 79.4 119.0
141 82.4 58.1 87.1

Manual Integrations

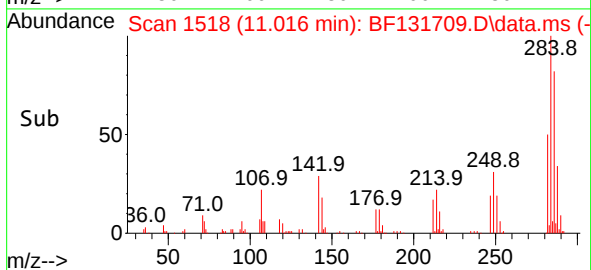
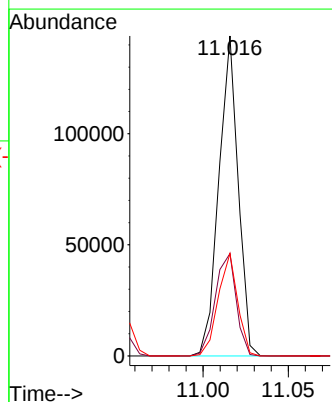
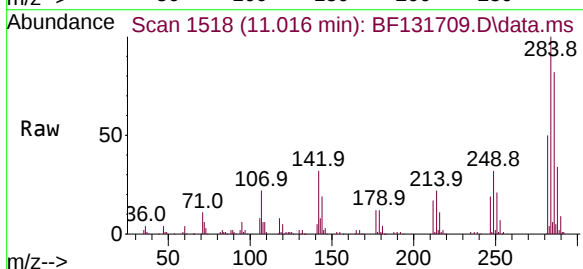
APPROVED

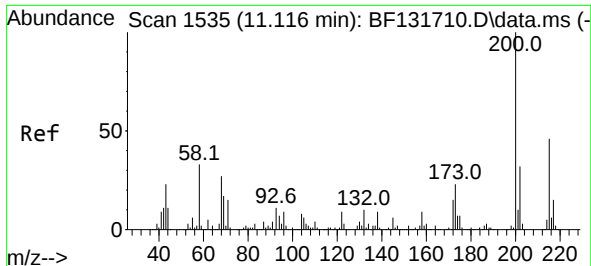
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#68
Hexachlorobenzene
Concen: 19.043 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

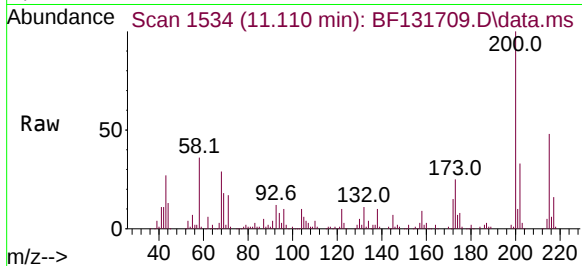
Tgt Ion:284 Resp: 113360
Ion Ratio Lower Upper
284 100
142 32.0 30.2 45.4
249 32.0 27.2 40.8





#69
 Atrazine
 Concen: 21.273 ng
 RT: 11.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131709.D
 Acq: 20 Dec 2022 13:03

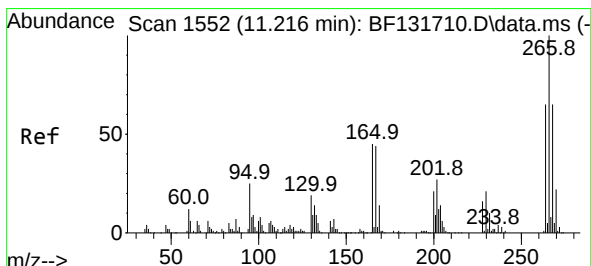
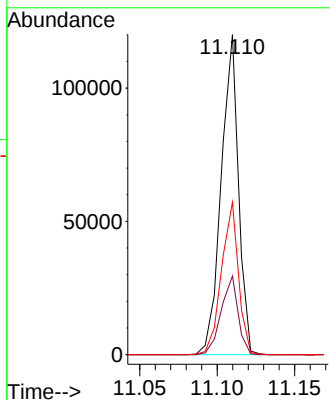
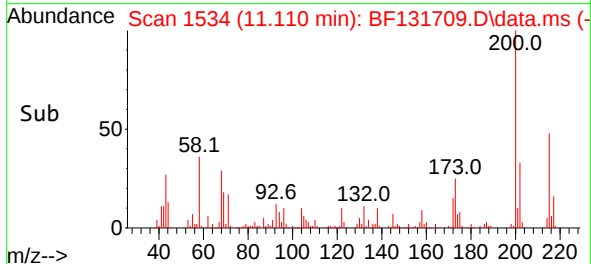
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



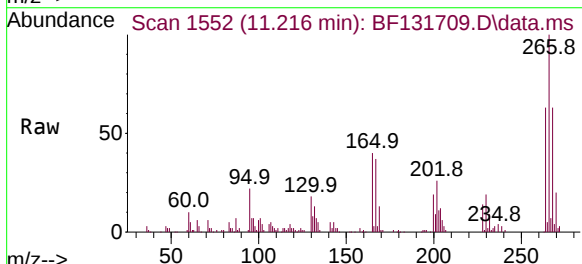
Tgt Ion:200 Resp: 93432
 Ion Ratio Lower Upper
 200 100
 173 24.6 2.7 42.7
 215 47.6 26.4 66.4

Manual Integrations
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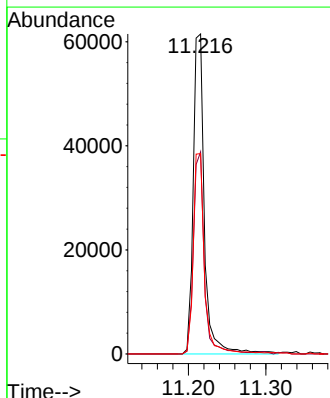
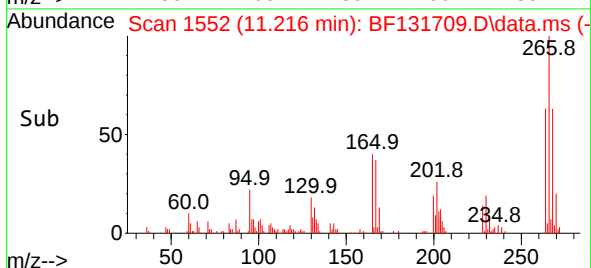
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

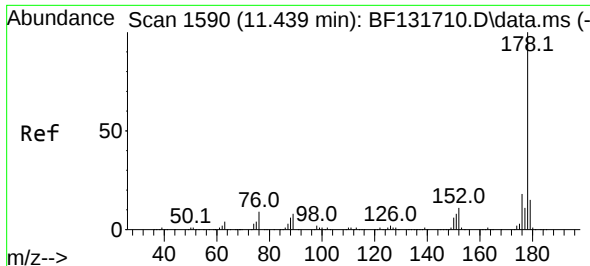


#70
 Pentachlorophenol
 Concen: 20.137 ng
 RT: 11.216 min Scan# 1552
 Delta R.T. 0.000 min
 Lab File: BF131709.D
 Acq: 20 Dec 2022 13:03



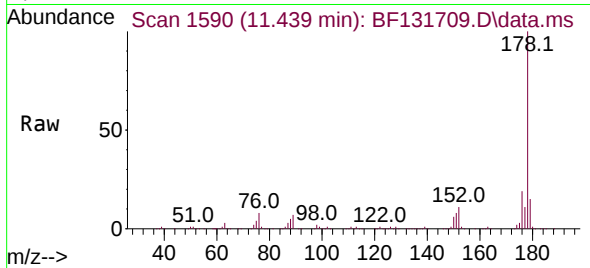
Tgt Ion:266 Resp: 61712
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.2 78.4
 264 62.6 52.0 78.0





#71
Phenanthrene
Concen: 20.286 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

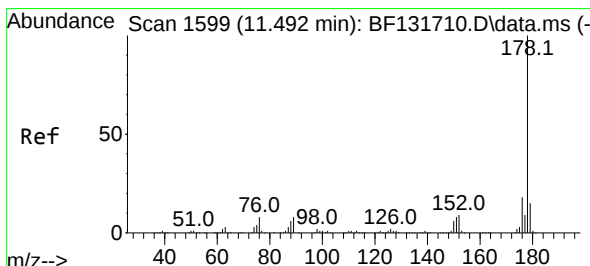
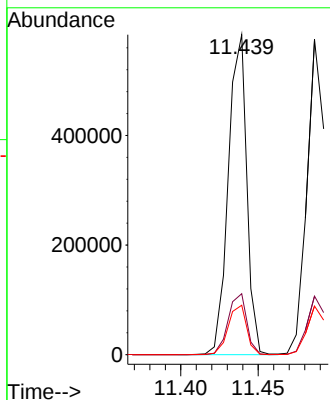
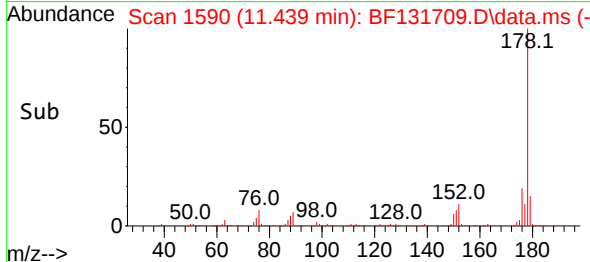
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



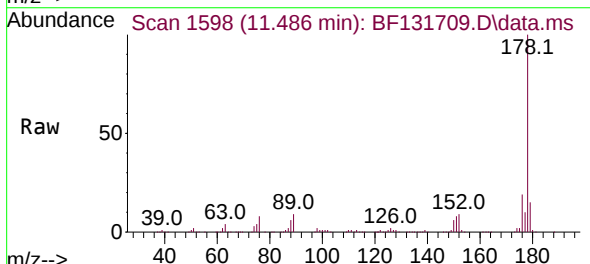
Tgt Ion:178 Resp: 483724
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.5 12.2 18.4

Manual Integrations
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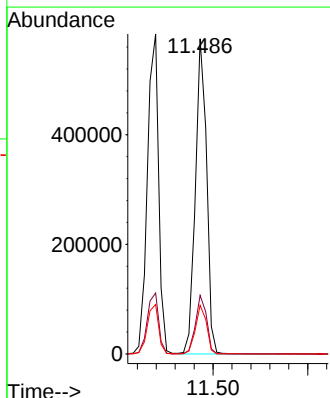
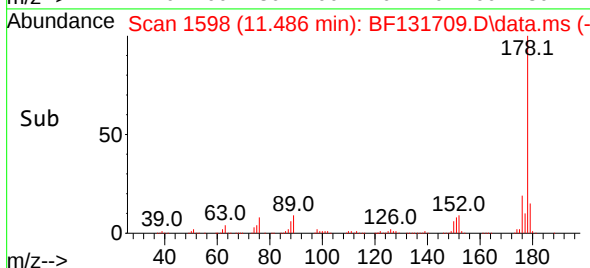
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

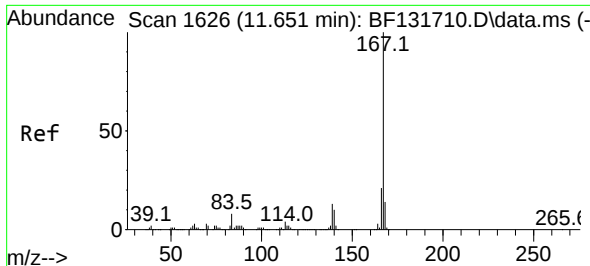


#72
Anthracene
Concen: 20.282 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



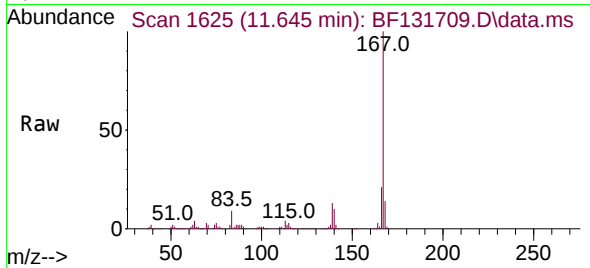
Tgt Ion:178 Resp: 470536
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 21.682 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.006 min
 Lab File: BF131709.D
 Acq: 20 Dec 2022 13:03

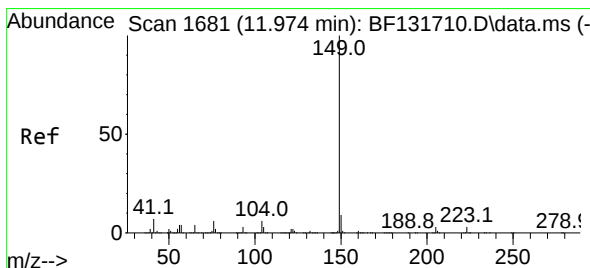
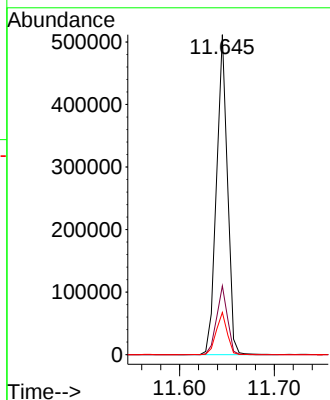
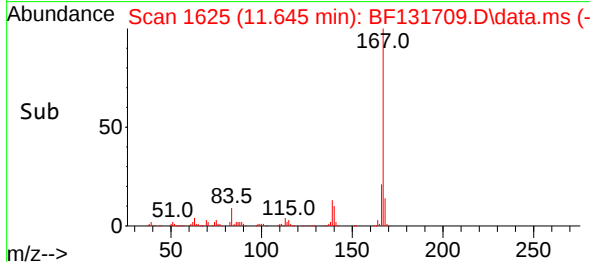
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



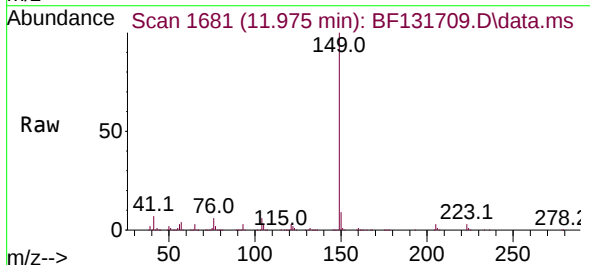
Tgt Ion:167 Resp: 410587
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.2 10.5 15.7

Manual Integrations
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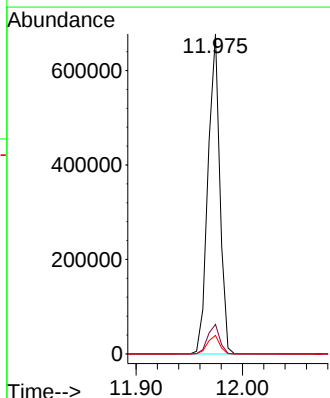
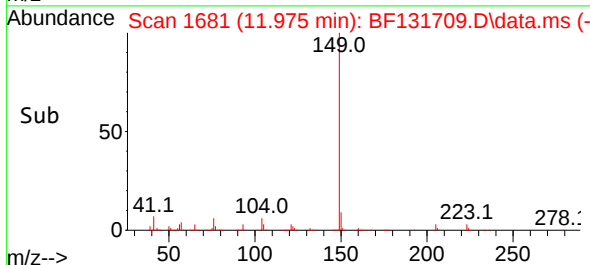
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

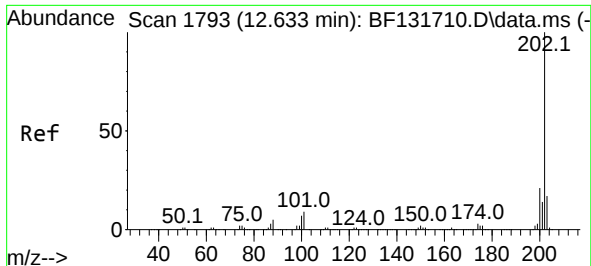


#74
 Di-n-butylphthalate
 Concen: 22.339 ng
 RT: 11.975 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131709.D
 Acq: 20 Dec 2022 13:03



Tgt Ion:149 Resp: 518962
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.8 5.0 7.4





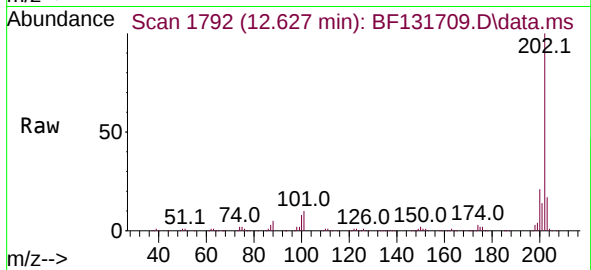
#75
Fluoranthene
Concen: 22.362 ng
RT: 12.627 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

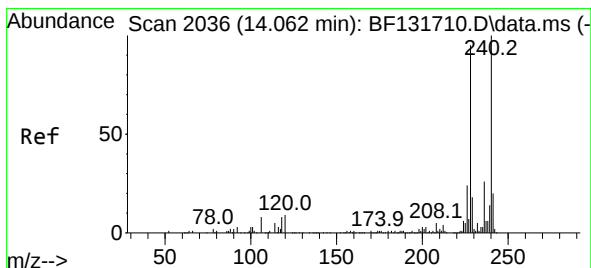
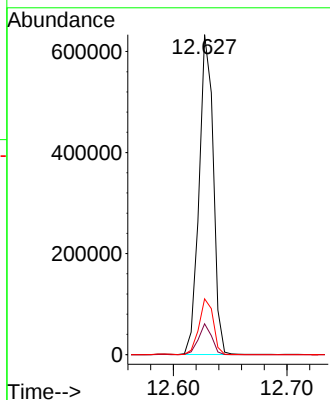
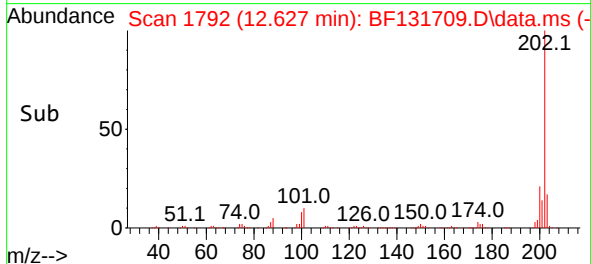


Tgt Ion:202 Resp: 549095
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.8
203 17.4 0.0 37.1

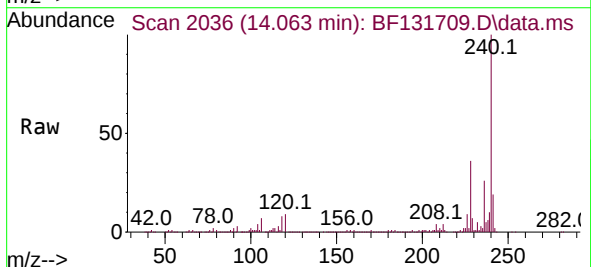
Manual Integrations

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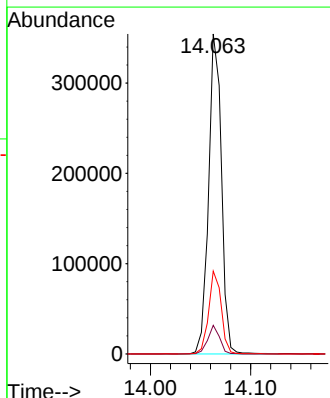
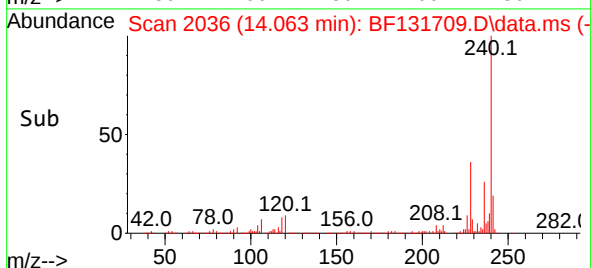
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

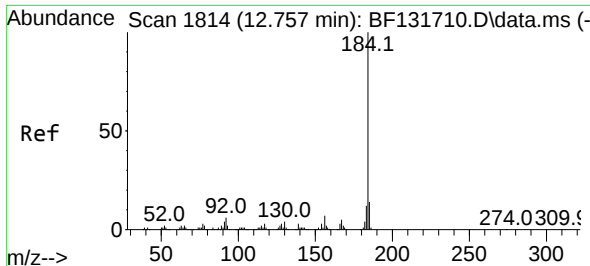


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion:240 Resp: 314230
Ion Ratio Lower Upper
240 100
120 8.9 7.6 11.4
236 25.9 21.2 31.8





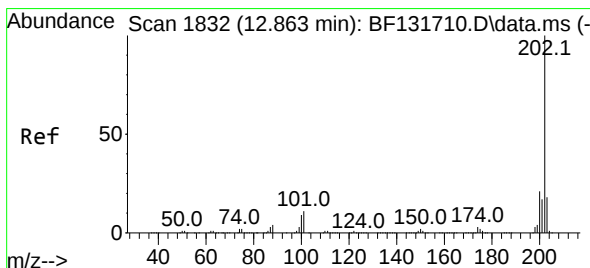
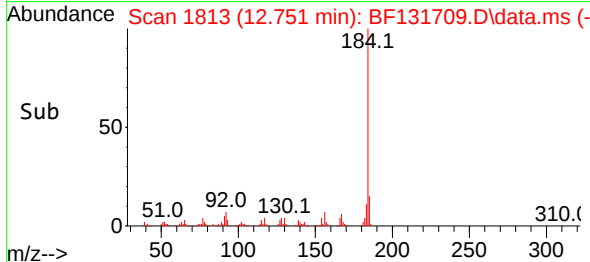
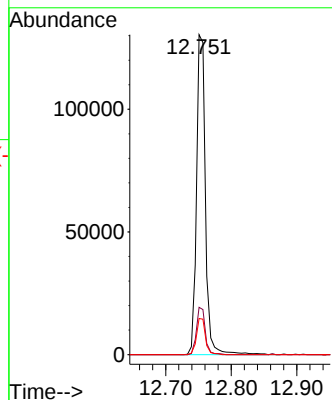
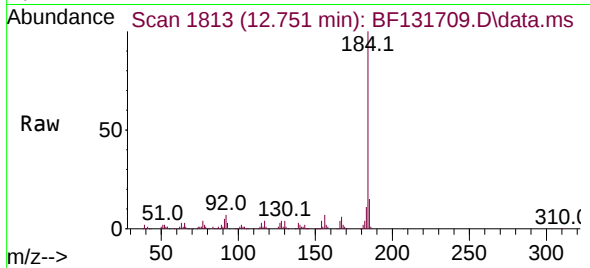
#77
Benzidine
Concen: 14.653 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 123369
Ion Ratio Lower Upper
184 100
185 14.8 11.3 16.9
183 11.3 9.3 13.9

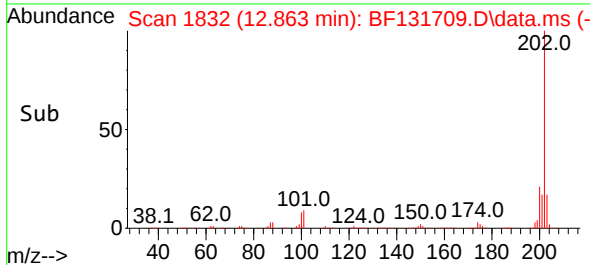
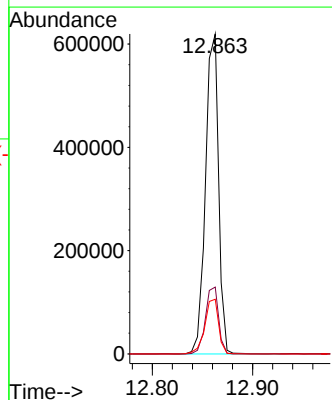
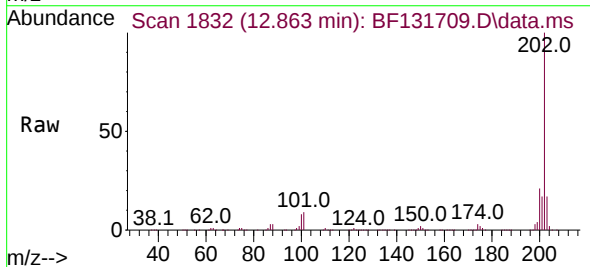
Manual Integrations
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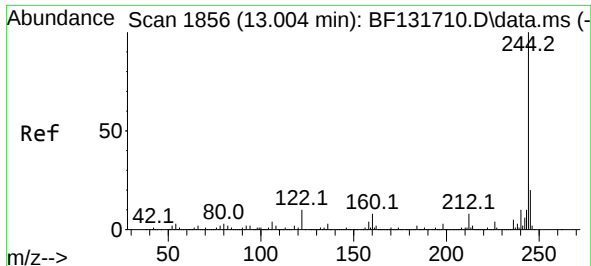
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#78
Pyrene
Concen: 18.061 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

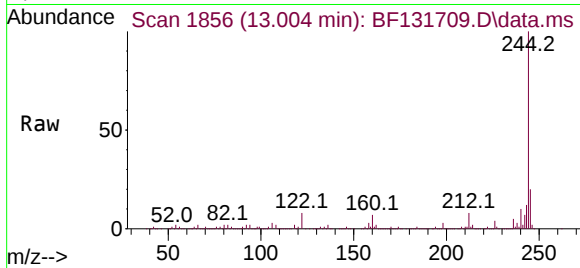
Tgt Ion:202 Resp: 559624
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 34.273 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131709.D
 Acq: 20 Dec 2022 13:03

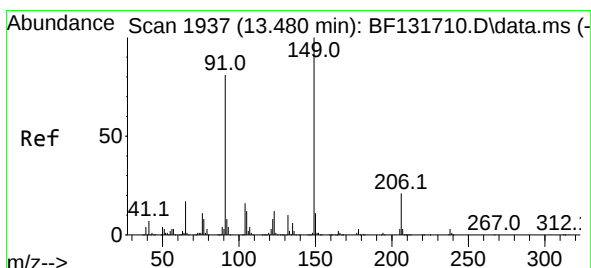
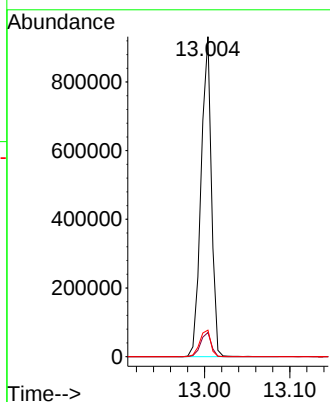
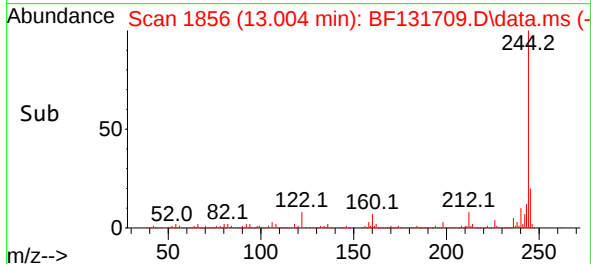
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



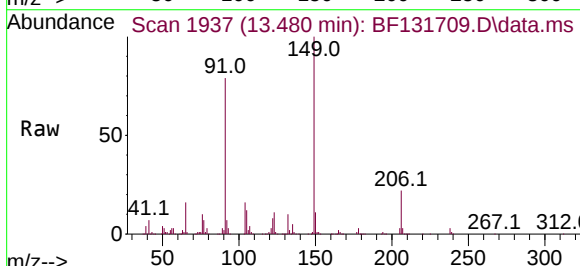
Tgt Ion:244 Resp: 785293
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.3 7.7 11.5

Manual Integrations
 APPROVED

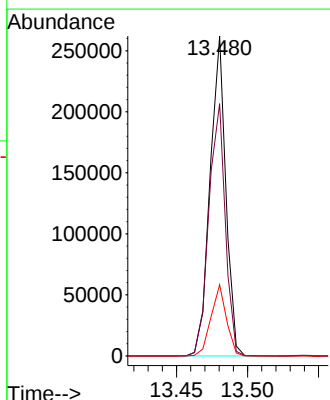
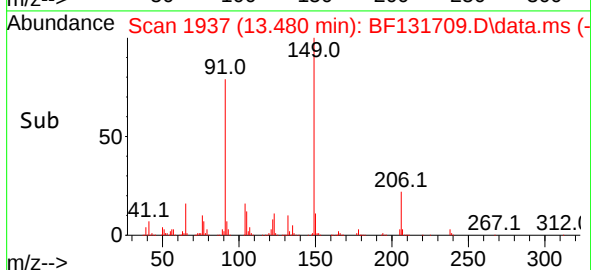
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

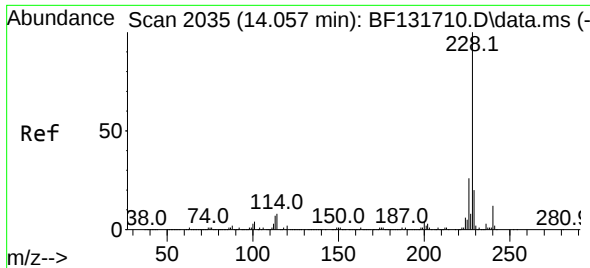


#80
 Butylbenzylphthalate
 Concen: 22.437 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131709.D
 Acq: 20 Dec 2022 13:03



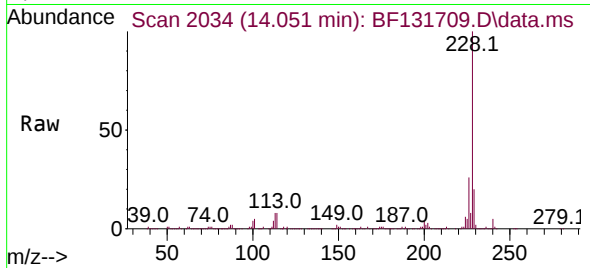
Tgt Ion:149 Resp: 201184
 Ion Ratio Lower Upper
 149 100
 91 78.8 64.9 97.3
 206 22.2 17.0 25.4





#81
Benzo(a)anthracene
Concen: 20.208 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

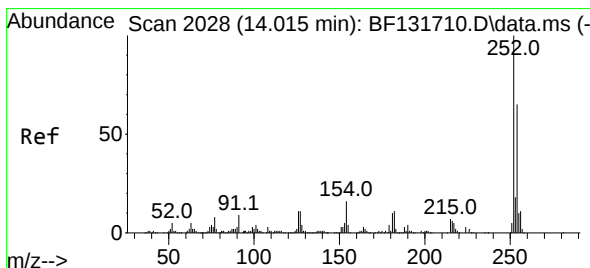
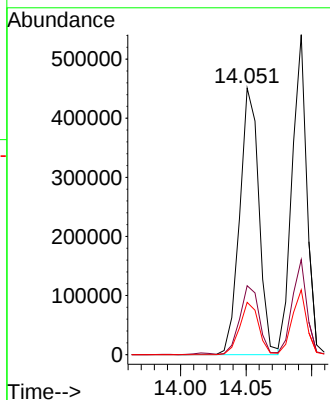
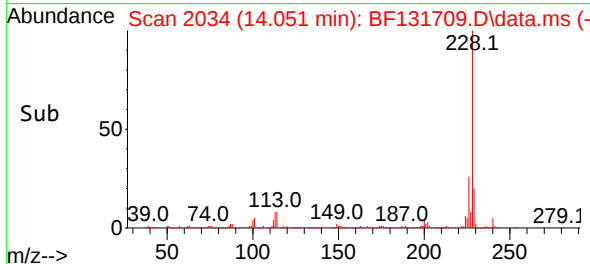
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



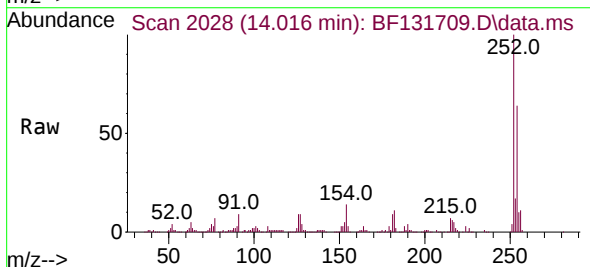
Tgt Ion:228 Resp: 458562
Ion Ratio Lower Upper
228 100
226 25.9 21.0 31.4
229 19.6 15.8 23.8

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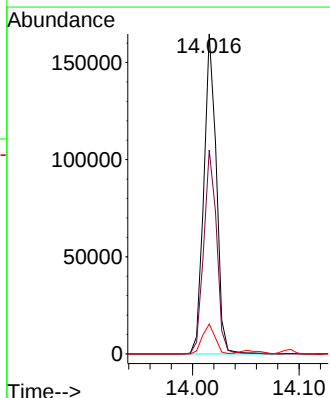
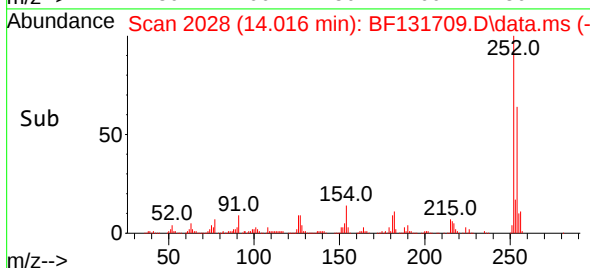
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

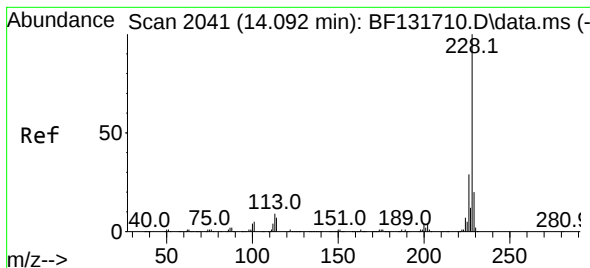


#82
3,3'-Dichlorobenzidine
Concen: 20.684 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion:252 Resp: 133546
Ion Ratio Lower Upper
252 100
254 63.7 52.1 78.1
126 9.3 8.4 12.6





#83

Chrysene

Concen: 19.704 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131709.D

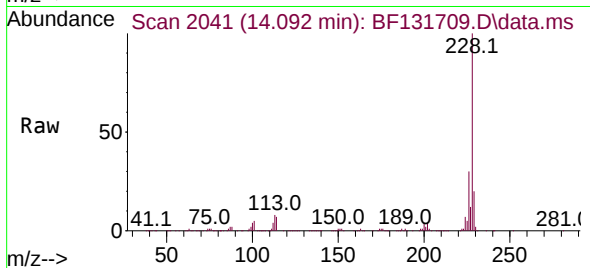
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:228 Resp: 425098

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

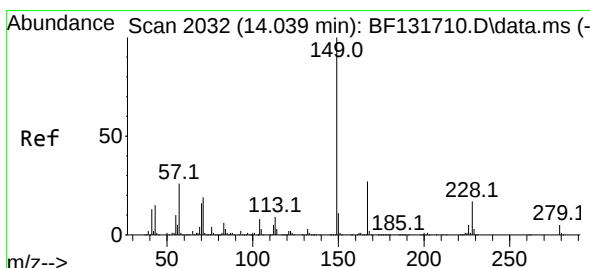
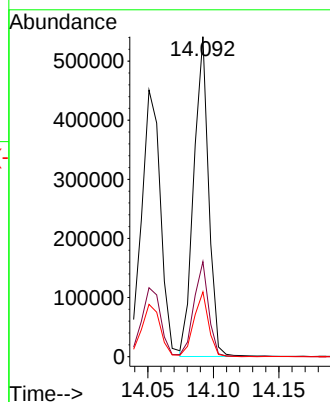
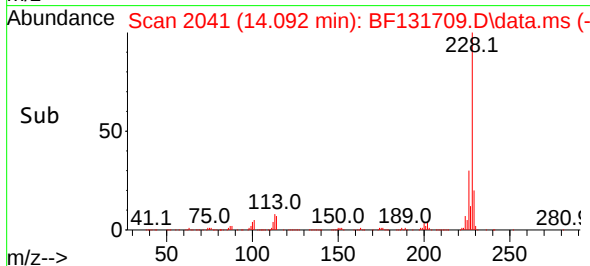
229 20.2 15.6 23.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 12/21/2022



#84

Bis(2-ethylhexyl)phthalate

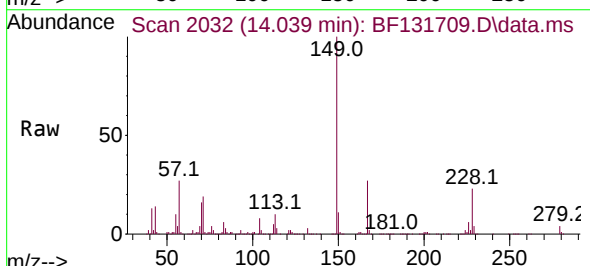
Concen: 22.291 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03



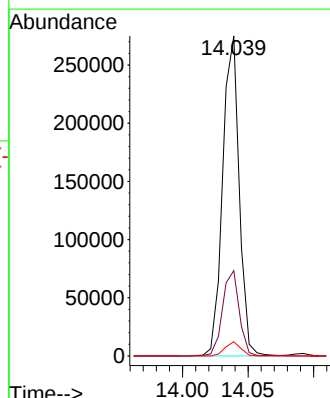
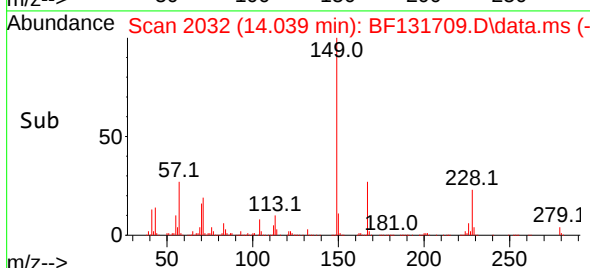
Tgt Ion:149 Resp: 242020

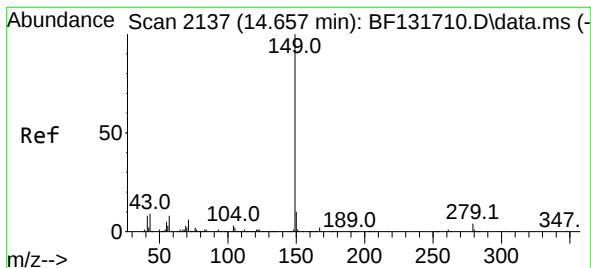
Ion Ratio Lower Upper

149 100

167 26.6 21.7 32.5

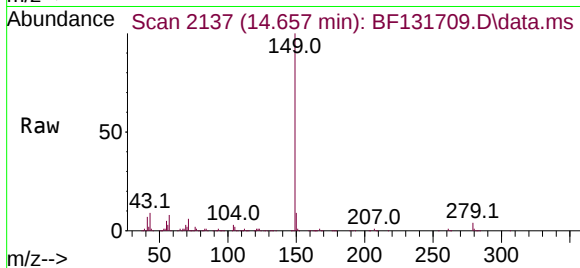
279 4.4 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 17.885 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

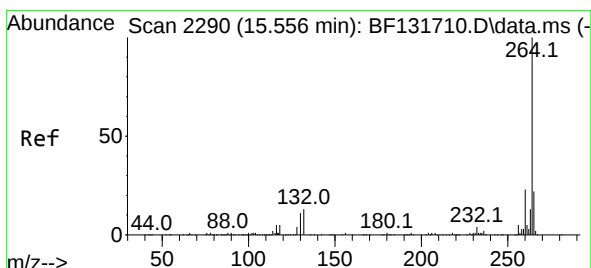
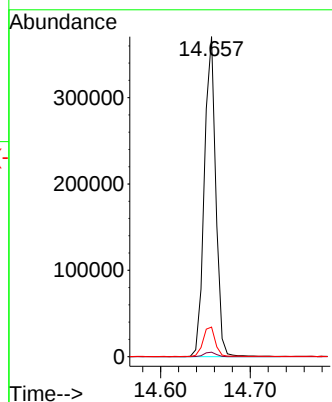
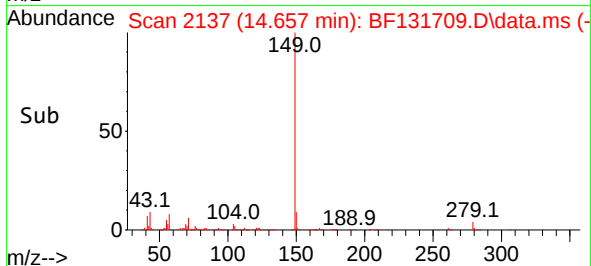
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



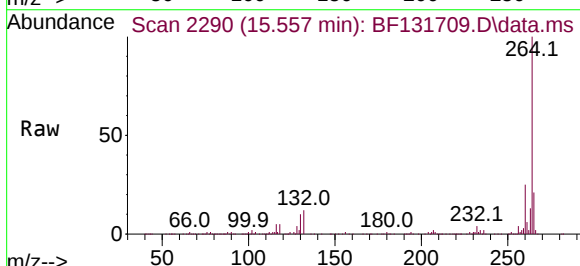
Tgt Ion:149 Resp: 327107
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.0
43 10.2 8.3 12.5

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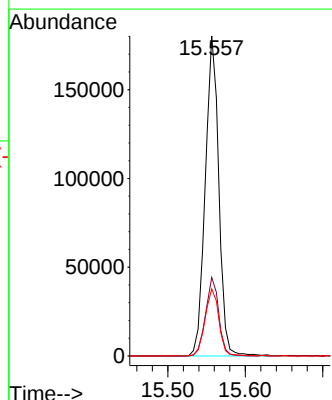
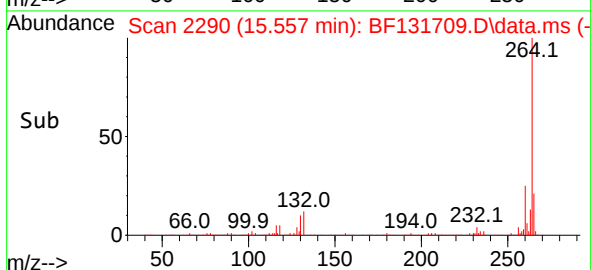
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

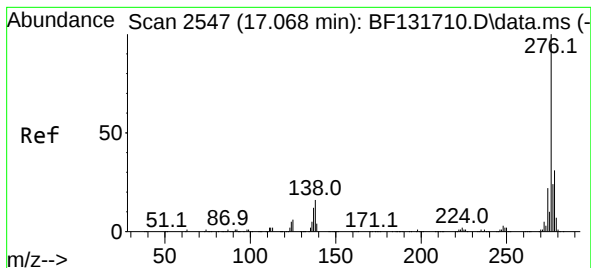


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion:264 Resp: 218418
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 21.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 15.930 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 283960

Ion Ratio Lower Upper

276 100

138 18.0 14.4 21.6

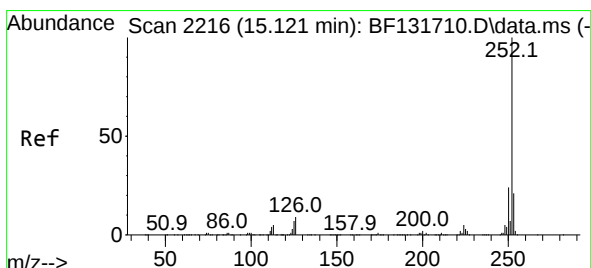
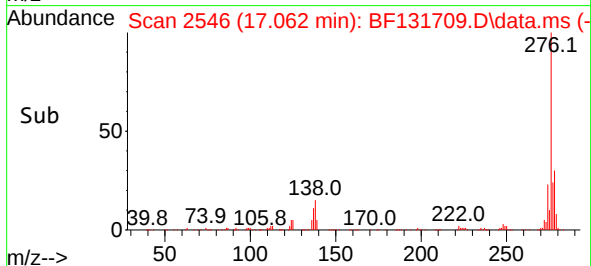
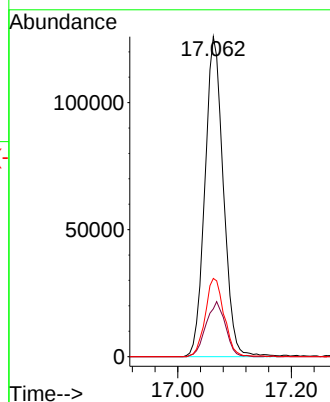
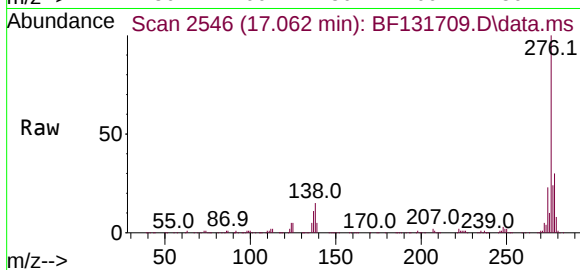
277 25.0 19.8 29.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#88

Benzo(b)fluoranthene

Concen: 23.039 ng

RT: 15.116 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

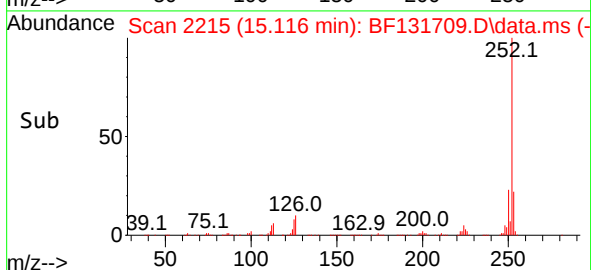
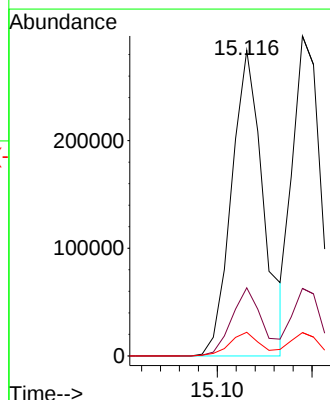
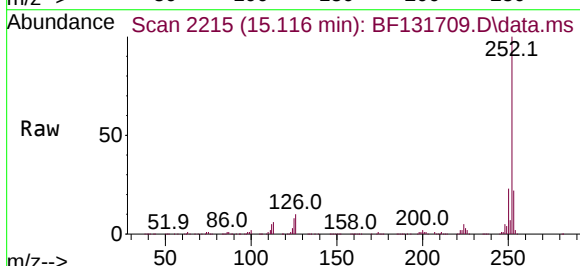
Tgt Ion:252 Resp: 331656

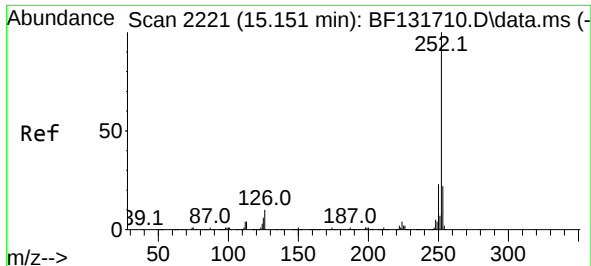
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 7.7 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 20.346 ng

RT: 15.145 min Scan# 2221

Delta R.T. -0.006 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 305713

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

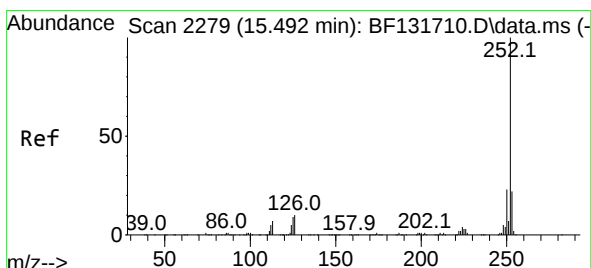
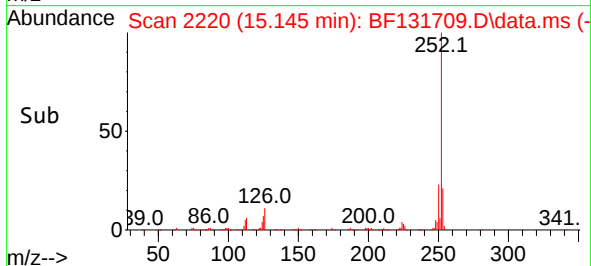
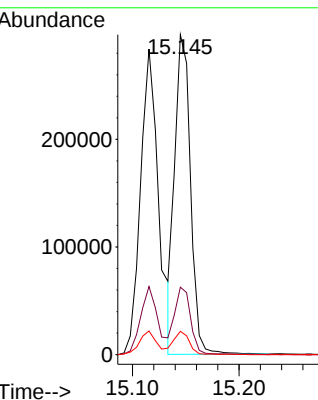
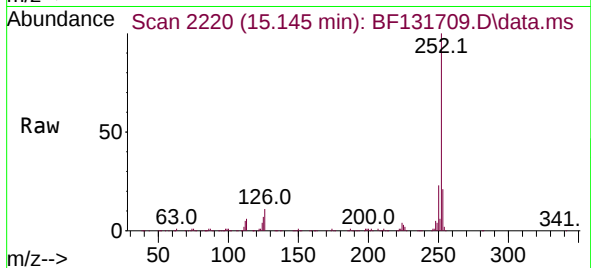
125 7.3 5.2 7.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#90

Benzo(a)pyrene

Concen: 20.390 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF131709.D

Acq: 20 Dec 2022 13:03

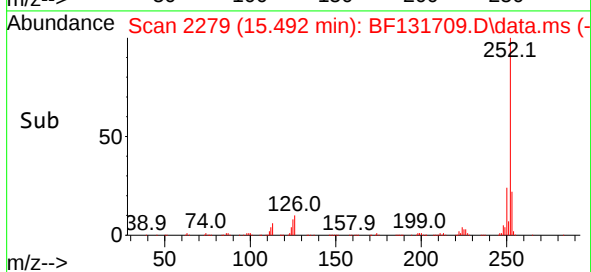
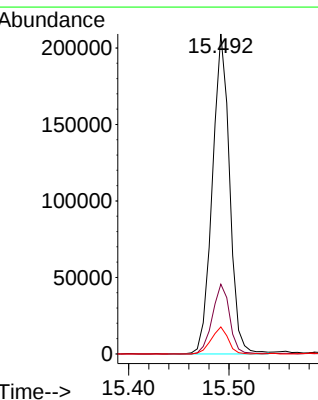
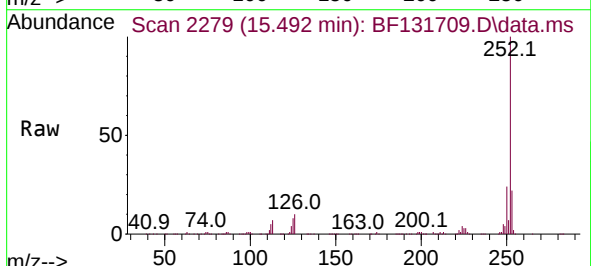
Tgt Ion:252 Resp: 250497

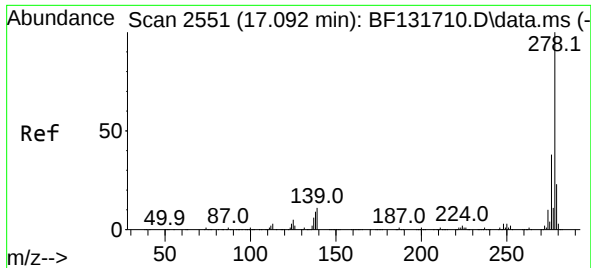
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.4 7.0 10.4





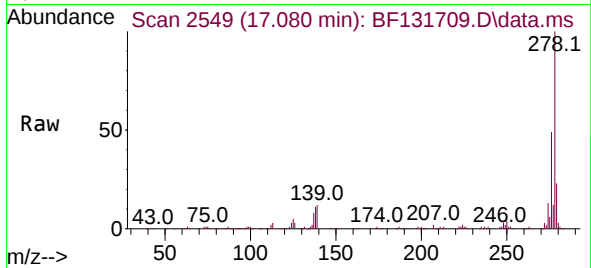
#91
Dibenzo(a,h)anthracene
Concen: 16.163 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

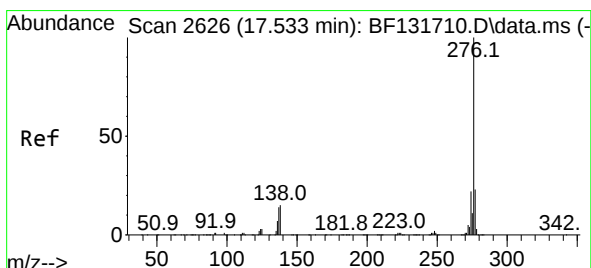
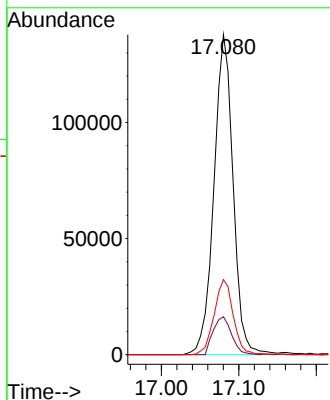
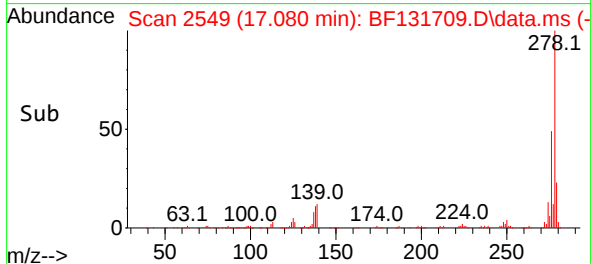


Tgt Ion:278 Resp: 237114
Ion Ratio Lower Upper
278 100
139 11.8 8.7 13.1
279 23.4 18.7 28.1

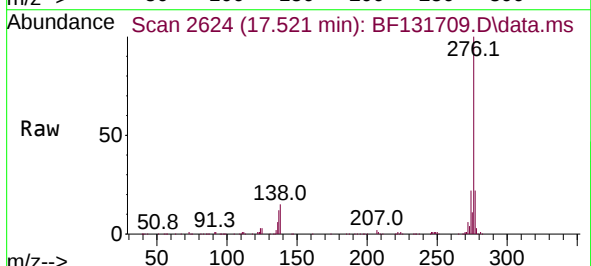
Manual Integrations

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Supervised By :Jagrut Upadhyay 12/21/2022



#92
Benzo(g,h,i)perylene
Concen: 15.753 ng
RT: 17.521 min Scan# 2624
Delta R.T. -0.012 min
Lab File: BF131709.D
Acq: 20 Dec 2022 13:03



Tgt Ion:276 Resp: 232263
Ion Ratio Lower Upper
276 100
277 22.3 18.3 27.5
138 15.3 12.3 18.5

