

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131147.D
 Acq On : 11 Nov 2022 10:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : Jagrut Upadhyay 11/15/2022

Quant Time: Nov 11 14:40:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	62733	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	204509	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	113061	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	207121	20.000	ng	0.00
76) Chrysene-d12	14.074	240	118637	20.000	ng	0.00
86) Perylene-d12	15.562	264	93240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	276614	74.987	ng	0.00
7) Phenol-d6	6.516	99	376273	78.021	ng	0.00
23) Nitrobenzene-d5	7.457	82	372489	82.179	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	95623	81.837	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	666288	82.267	ng	0.00
79) Terphenyl-d14	13.010	244	652620	96.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	79629	43.855	ng	96
3) Pyridine	3.428	79	240109	48.160	ng	99
4) n-Nitrosodimethylamine	3.398	42	135373	47.069	ng	96
6) Aniline	6.551	93	226989	38.341	ng	97
8) 2-Chlorophenol	6.675	128	150315	35.420	ng	98
9) Benzaldehyde	6.439	77	112399	35.816	ng	97
10) Phenol	6.534	94	217045	38.499	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	157825	39.129	ng	97
12) 1,3-Dichlorobenzene	6.828	146	181320	38.421	ng	98
13) 1,4-Dichlorobenzene	6.904	146	205075	42.779	ng	97
14) 1,2-Dichlorobenzene	7.057	146	160941	36.244	ng	97
15) Benzyl Alcohol	7.028	79	147431	39.970	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	255510	37.781	ng	99
17) 2-Methylphenol	7.139	107	130330	36.719	ng	97
18) Hexachloroethane	7.398	117	68911	38.551	ng	91
19) n-Nitroso-di-n-propyla...	7.304	70	120320	37.998	ng	99
20) 3+4-Methylphenols	7.292	107	167158	37.694	ng	# 88
22) Acetophenone	7.298	105	222946	43.562	ng	# 85
24) Nitrobenzene	7.475	77	185934	42.347	ng	99
25) Isophorone	7.710	82	310537	44.309	ng	99
26) 2-Nitrophenol	7.786	139	83011	42.608	ng	# 84
27) 2,4-Dimethylphenol	7.822	122	126201m	42.240	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	173154	43.596	ng	96
29) 2,4-Dichlorophenol	8.028	162	136886	42.855	ng	96
30) 1,2,4-Trichlorobenzene	8.110	180	142761	41.447	ng	98
31) Naphthalene	8.192	128	443173	39.660	ng	99
32) Benzoic acid	7.951	122	75273m	37.352	ng	
33) 4-Chloroaniline	8.245	127	177308	39.571	ng	98
34) Hexachlorobutadiene	8.304	225	103273	43.879	ng	98
35) Caprolactam	8.627	113	38357	39.172	ng	90
36) 4-Chloro-3-methylphenol	8.727	107	142496	40.313	ng	99
37) 2-Methylnaphthalene	8.886	142	297956	41.364	ng	99
38) 1-Methylnaphthalene	8.986	142	288238	40.860	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	152947	41.427	ng	99
41) Hexachlorocyclopentadiene	9.033	237	49076	34.068	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	100987	41.680	ng	98

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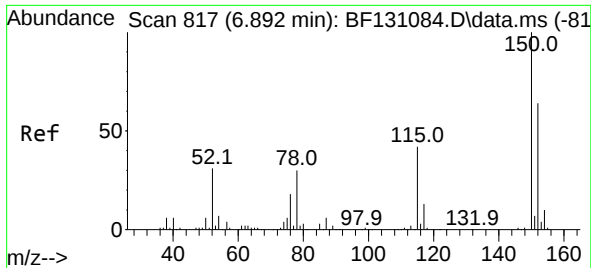
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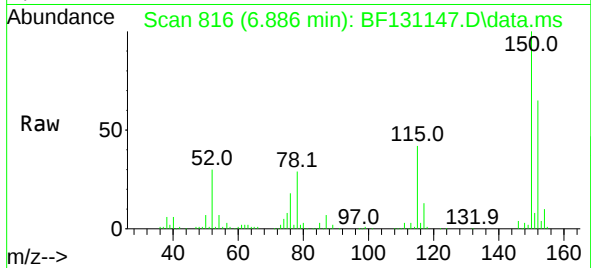
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	112395	41.462	ng	95
46) 1,1'-Biphenyl	9.351	154	349672	40.001	ng	98
47) 2-Chloronaphthalene	9.374	162	282662	39.847	ng	98
48) 2-Nitroaniline	9.475	65	114131	44.207	ng	98
49) Acenaphthylene	9.792	152	438850	40.487	ng	99
50) Dimethylphthalate	9.651	163	332820	41.383	ng	100
51) 2,6-Dinitrotoluene	9.716	165	75373	42.645	ng	94
52) Acenaphthene	9.969	154	247770	38.321	ng	99
53) 3-Nitroaniline	9.892	138	79719	39.451	ng	92
54) 2,4-Dinitrophenol	9.998	184	35504	38.271	ng	# 86
55) Dibenzofuran	10.139	168	451570	47.160	ng	99
56) 4-Nitrophenol	10.051	139	49930	37.125	ng	97
57) 2,4-Dinitrotoluene	10.122	165	115562	49.186	ng	92
58) Fluorene	10.480	166	322230	41.434	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	96528	46.309	ng	99
60) Diethylphthalate	10.351	149	340030	43.901	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	149897	41.417	ng	90
62) 4-Nitroaniline	10.510	138	81201	39.764	ng	91
63) Azobenzene	10.633	77	345314	42.594	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	55966	42.027	ng	# 75
66) n-Nitrosodiphenylamine	10.592	169	279797	40.183	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	93924	40.103	ng	99
68) Hexachlorobenzene	11.027	284	104157	39.905	ng	99
69) Atrazine	11.121	200	88649	41.127	ng	100
70) Pentachlorophenol	11.227	266	38927m	32.754	ng	
71) Phenanthrene	11.451	178	462756	40.623	ng	99
72) Anthracene	11.498	178	447621	40.487	ng	99
73) Carbazole	11.657	167	397669	40.447	ng	99
74) Di-n-butylphthalate	11.980	149	481277	43.401	ng	99
75) Fluoranthene	12.639	202	476487	41.787	ng	99
77) Benzidine	12.763	184	140328	40.094	ng	100
78) Pyrene	12.874	202	475046	46.671	ng	99
80) Butylbenzylphthalate	13.480	149	165588	45.439	ng	90
81) Benzo(a)anthracene	14.062	228	342610	40.403	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	97186	40.155	ng	98
83) Chrysene	14.098	228	313151	39.103	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	176091	44.763	ng	99
85) Di-n-octyl phthalate	14.657	149	249542	50.022	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	284322	38.132	ng	99
88) Benzo(b)fluoranthene	15.127	252	243890	36.997	ng	99
89) Benzo(k)fluoranthene	15.156	252	242772	38.316	ng	99
90) Benzo(a)pyrene	15.504	252	203503	38.506	ng	96
91) Dibenzo(a,h)anthracene	17.098	278	234407	38.724	ng	98
92) Benzo(g,h,i)perylene	17.545	276	240619	37.724	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

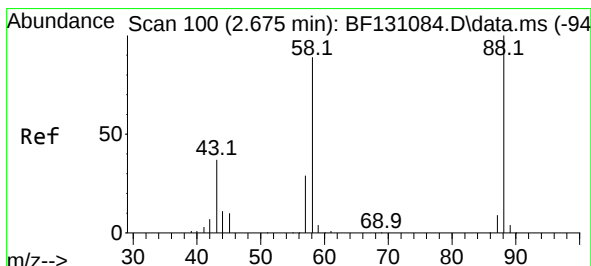
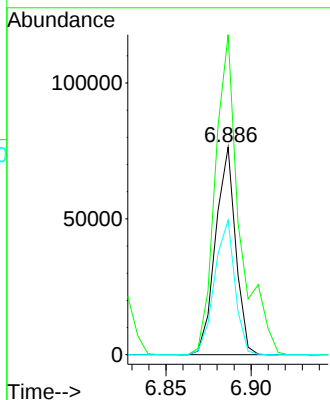
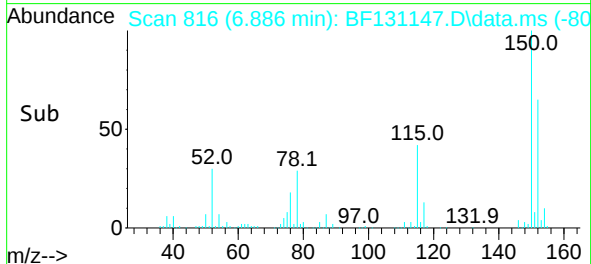
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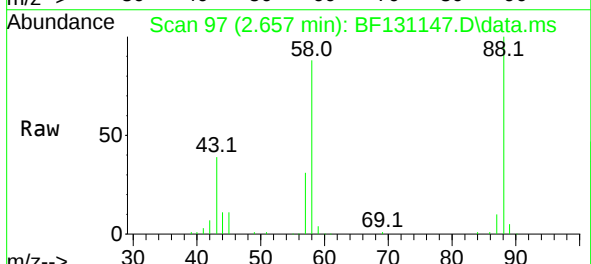
Tgt Ion:152 Resp: 6273
Ion Ratio Lower Upper
152 100
150 154.1 125.5 188.3
115 64.8 52.2 78.2

Manual Integrations
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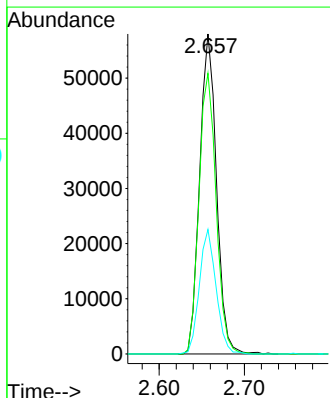
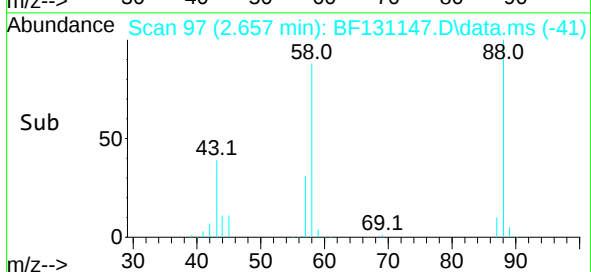
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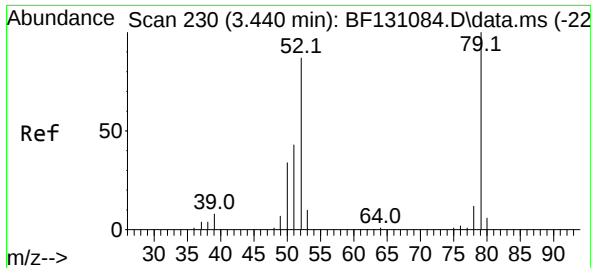


#2
1,4-Dioxane
Concen: 43.855 ng
RT: 2.657 min Scan# 97
Delta R.T. -0.018 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion: 88 Resp: 79629
Ion Ratio Lower Upper
88 100
58 89.4 68.5 102.7
43 38.7 28.6 42.8





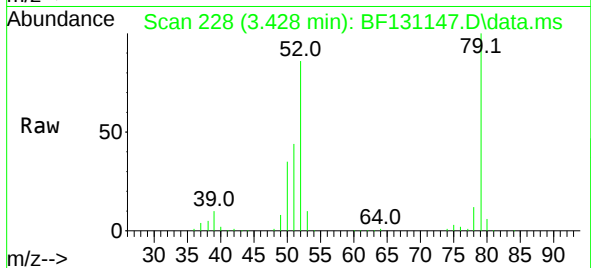
#3
Pyridine
Concen: 48.160 ng
RT: 3.428 min Scan# 210
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

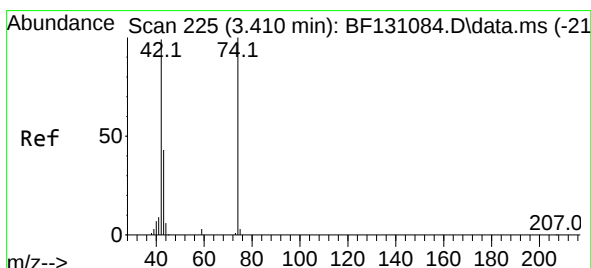
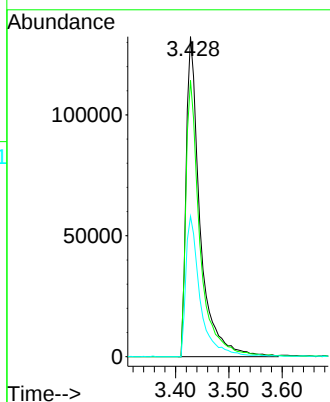
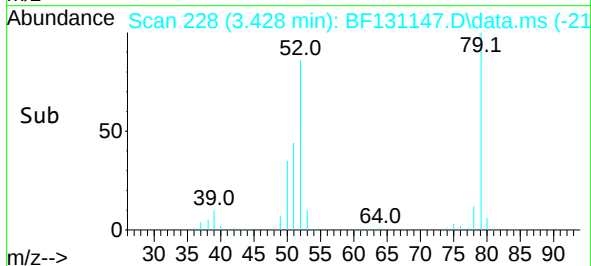


Tgt Ion: 79 Resp: 240109
Ion Ratio Lower Upper
79 100
52 86.3 69.4 104.2
51 43.9 34.2 51.4

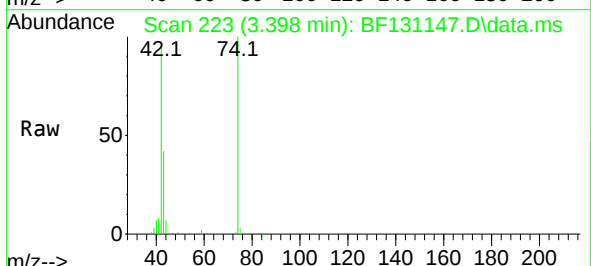
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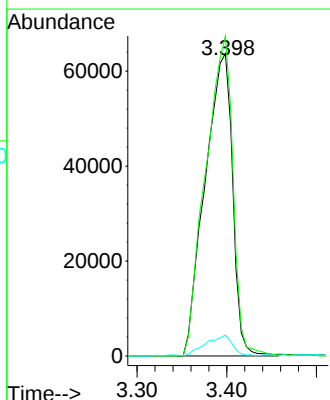
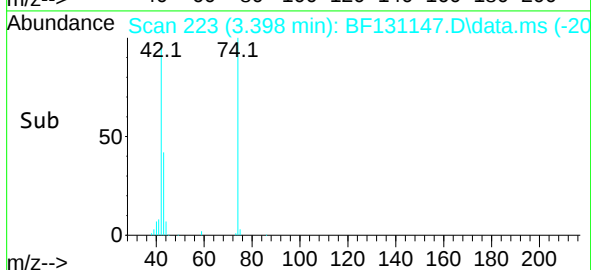
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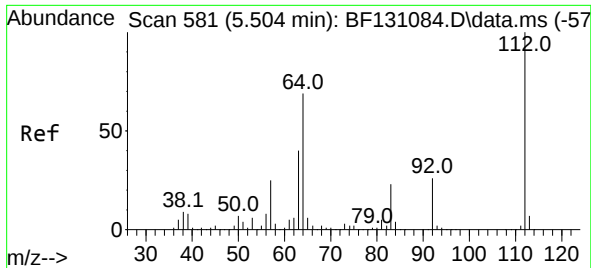


#4
n-Nitrosodimethylamine
Concen: 47.069 ng
RT: 3.398 min Scan# 223
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion: 42 Resp: 135373
Ion Ratio Lower Upper
42 100
74 105.8 81.0 121.4
44 6.9 5.0 7.4





#5
2-Fluorophenol
Concen: 74.987 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

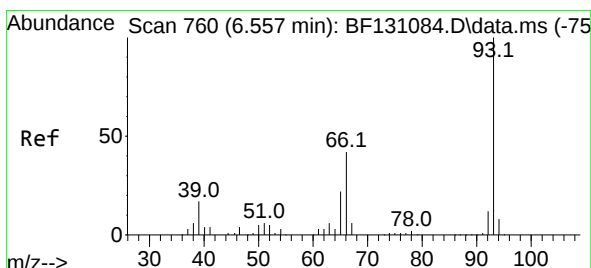
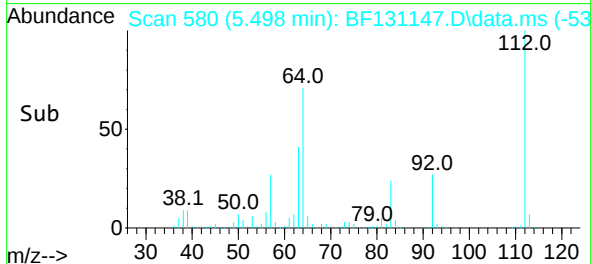
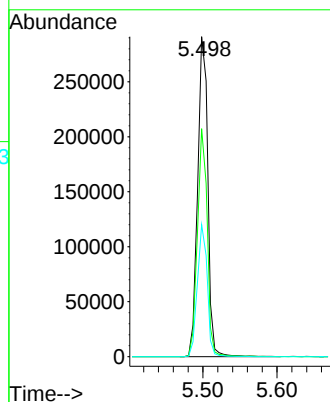
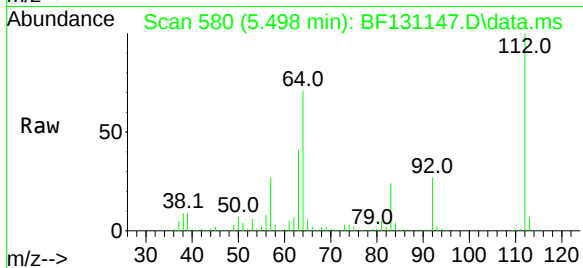
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Tgt Ion:112 Resp: 276614
Ion Ratio Lower Upper
112 100
64 71.3 55.1 82.7
63 41.2 32.4 48.6

Manual Integrations

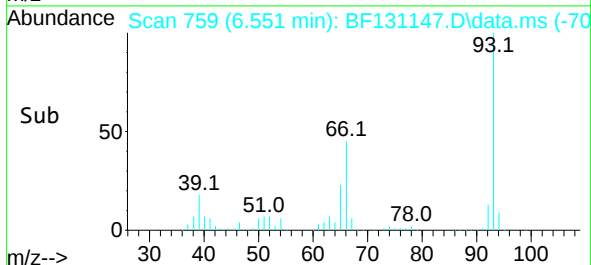
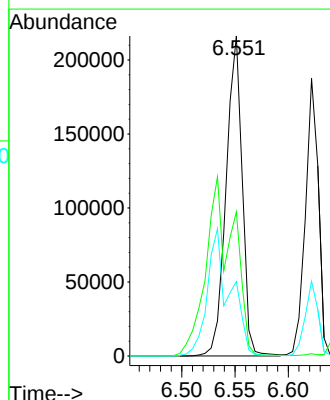
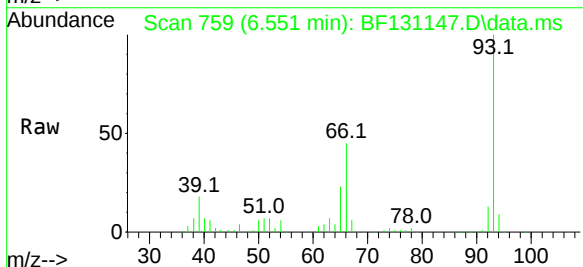
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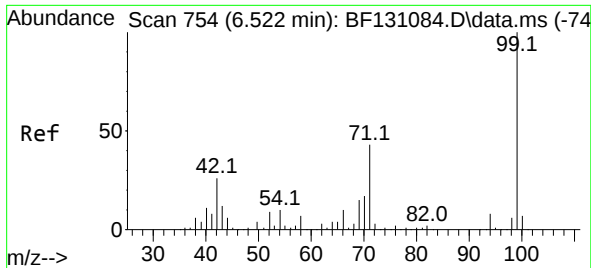
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#6
Aniline
Concen: 38.341 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Tgt Ion: 93 Resp: 226989
Ion Ratio Lower Upper
93 100
66 45.1 34.4 51.6
65 23.3 17.6 26.4





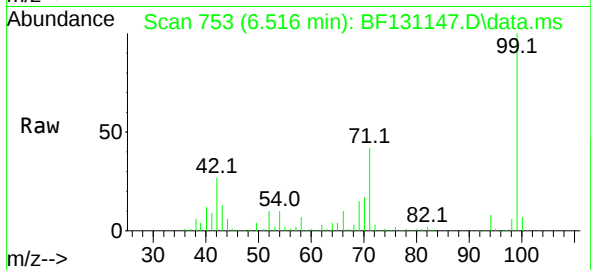
#7
Phenol-d6
Concen: 78.021 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

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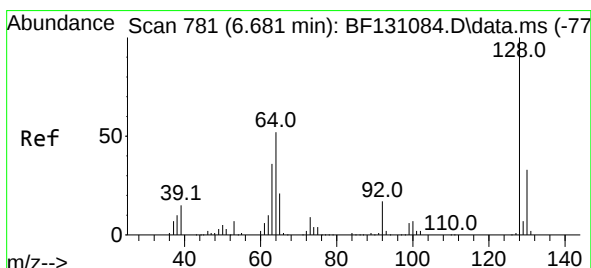
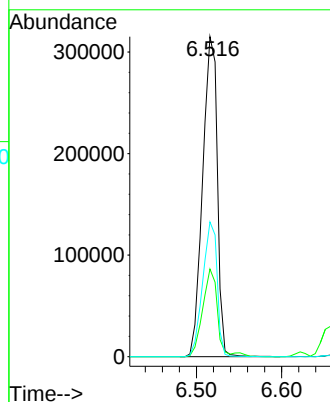
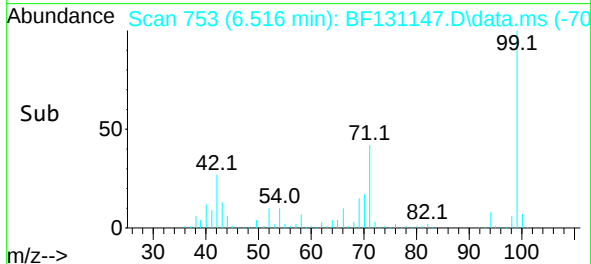


Tgt Ion: 99 Resp: 37627
Ion Ratio Lower Upper
99 100
42 27.4 20.8 31.2
71 42.1 34.2 51.4

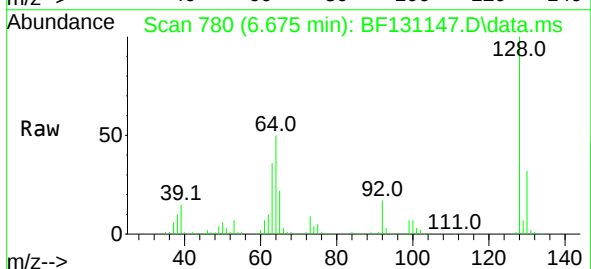
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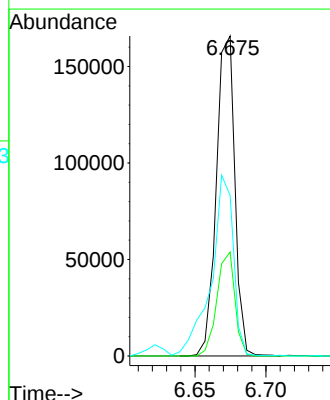
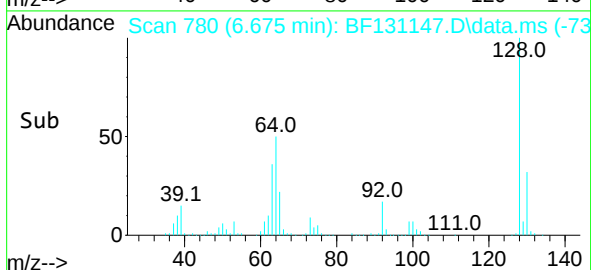
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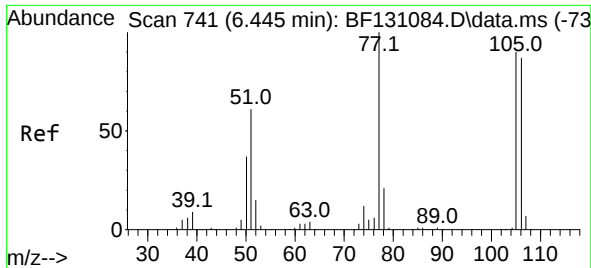


#8
2-Chlorophenol
Concen: 35.420 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF131147.D
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Tgt Ion:128 Resp: 150315
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 50.1 32.0 72.0





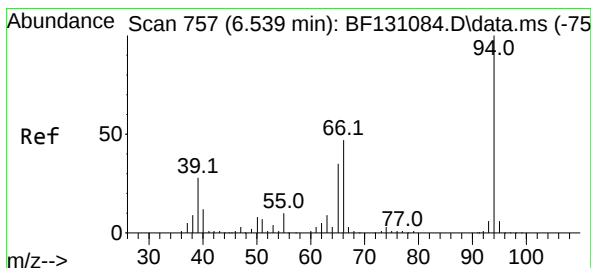
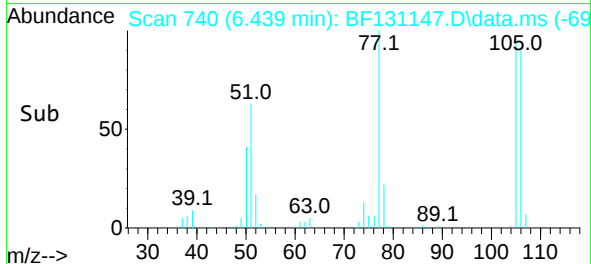
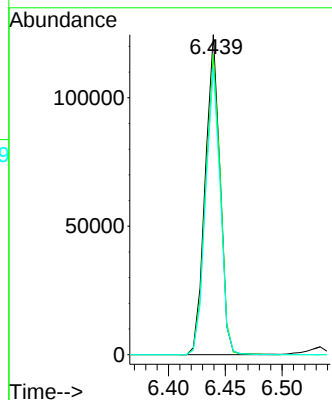
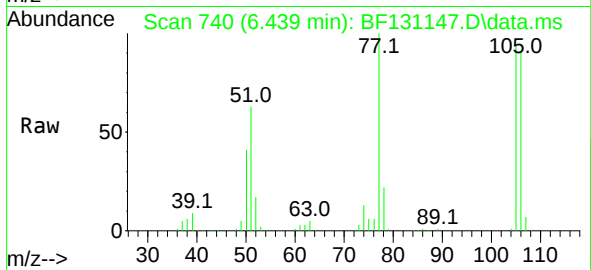
#9
Benzaldehyde
Concen: 35.816 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 112395
Ion Ratio Lower Upper
77 100
105 93.9 70.1 110.1
106 89.5 67.3 107.3

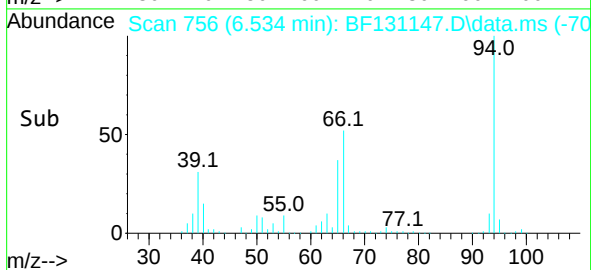
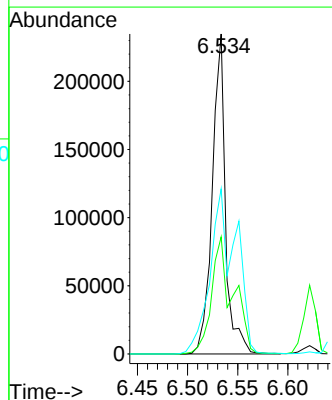
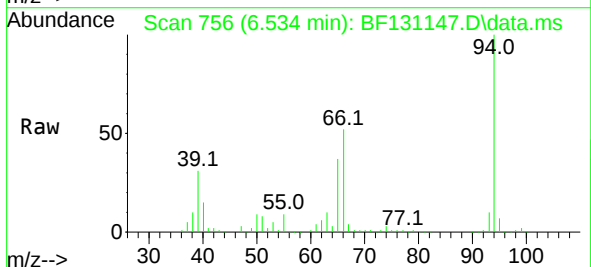
Manual Integrations
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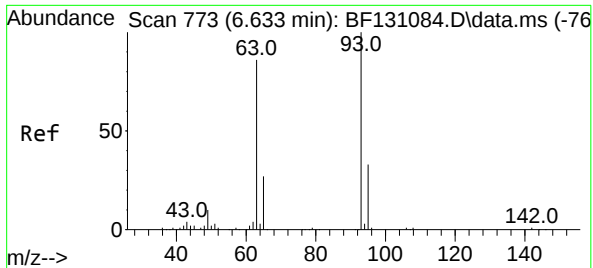
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Supervised By :Jagrut Upadhyay 11/15/2022



#10
Phenol
Concen: 38.499 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Tgt Ion: 94 Resp: 217045
Ion Ratio Lower Upper
94 100
65 36.6 14.8 54.8
66 51.6 27.5 67.5





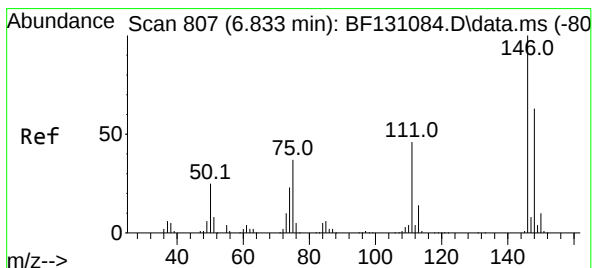
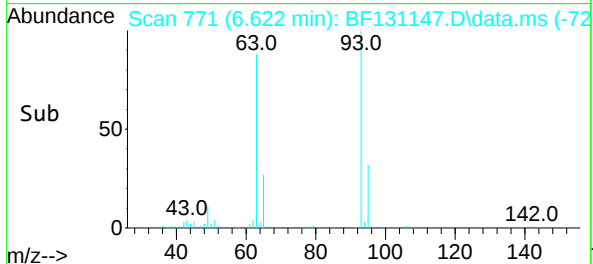
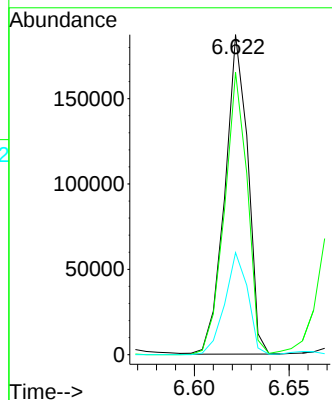
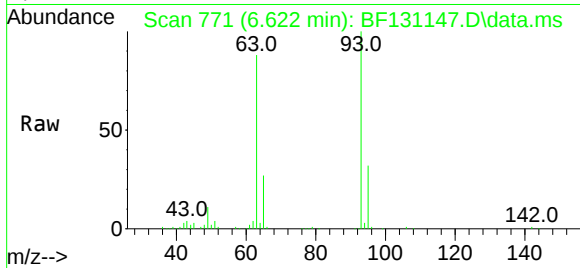
#11
bis(2-Chloroethyl)ether
Concen: 39.129 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 157829
Ion Ratio Lower Upper
93 100
63 88.3 65.3 105.3
95 31.9 12.7 52.7

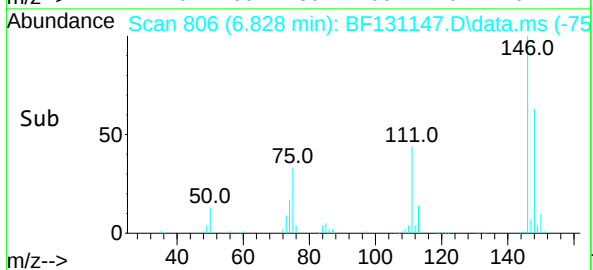
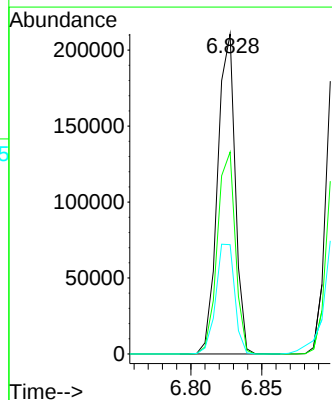
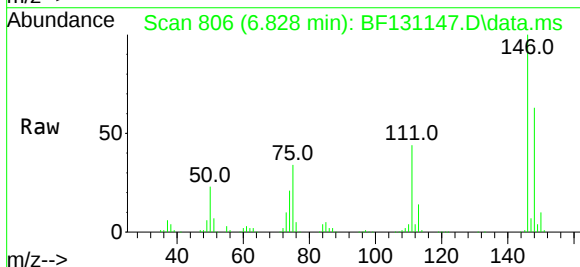
Manual Integrations
APPROVED

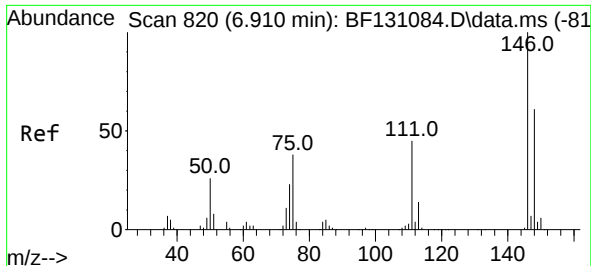
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#12
1,3-Dichlorobenzene
Concen: 38.421 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

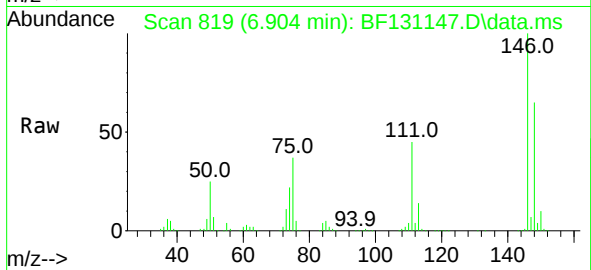
Tgt Ion:146 Resp: 181320
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 34.2 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 42.779 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

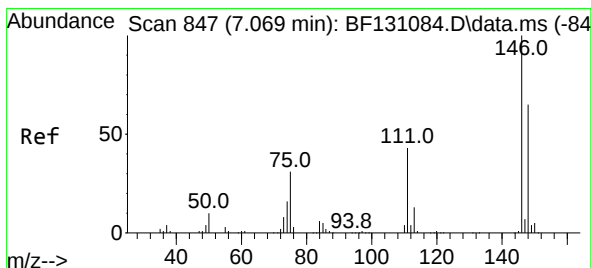
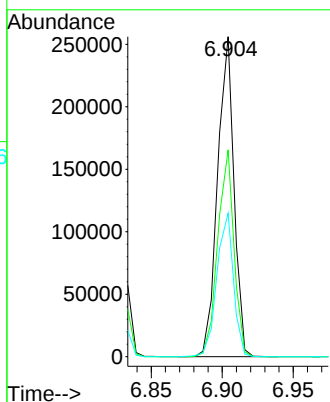
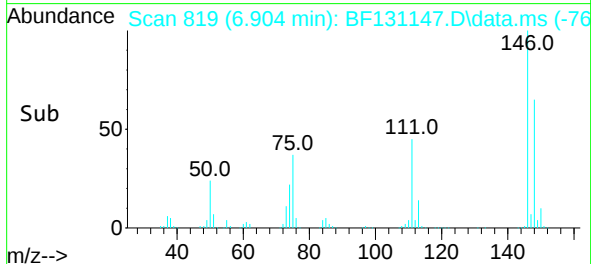
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



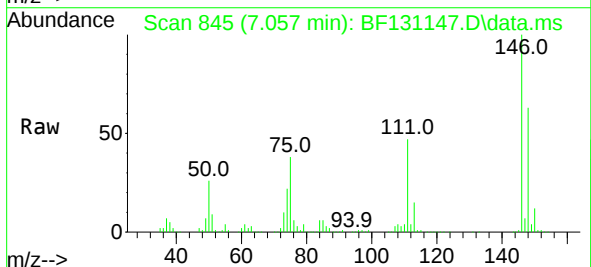
Tgt Ion:146 Resp: 205079
Ion Ratio Lower Upper
146 100
148 64.6 49.0 73.6
111 44.8 35.9 53.9

Manual Integrations
APPROVED

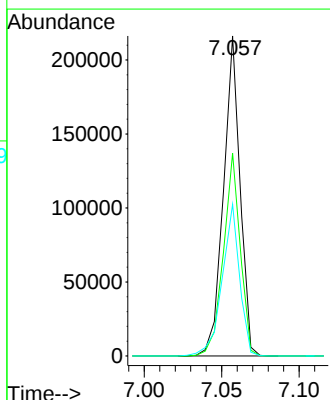
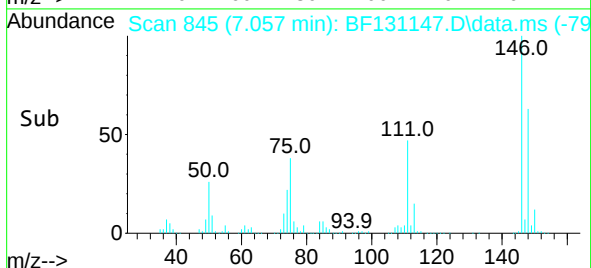
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

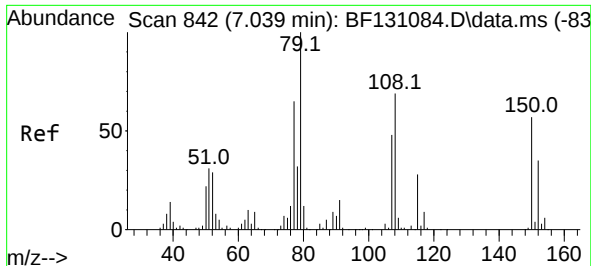


#14
1,2-Dichlorobenzene
Concen: 36.244 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion:146 Resp: 160941
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 47.4 34.8 52.2





#15

Benzyl Alcohol

Concen: 39.970 ng

RT: 7.028 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 14743

Ion Ratio Lower Upper

79 100

108 66.5 55.5 83.3

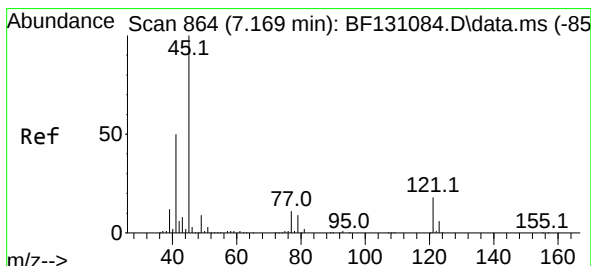
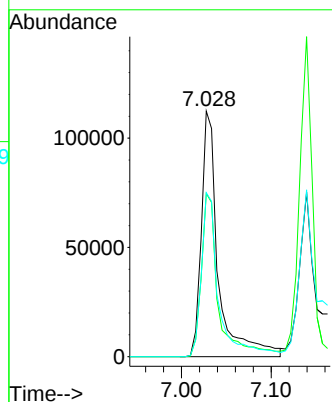
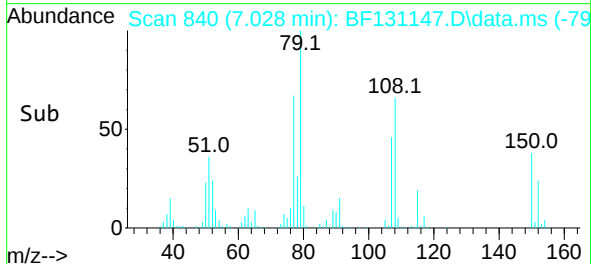
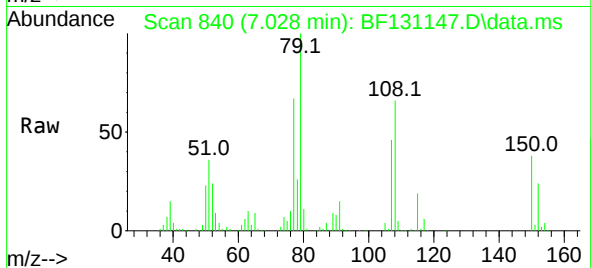
77 66.8 51.8 77.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.781 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

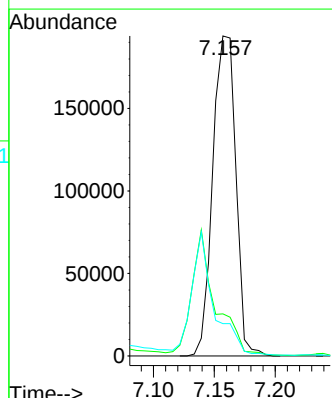
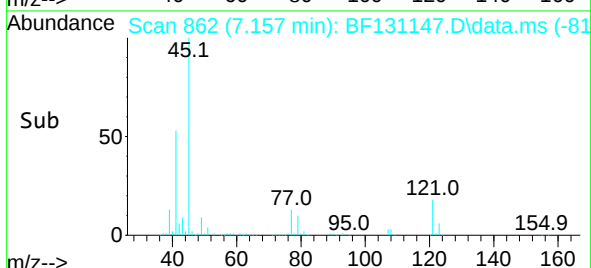
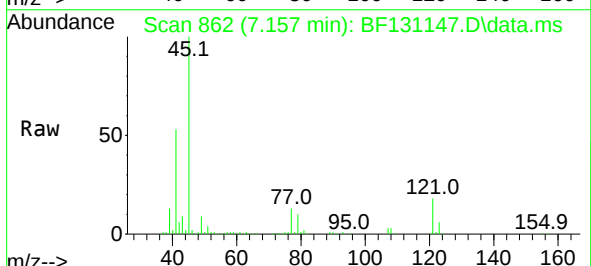
Tgt Ion: 45 Resp: 255510

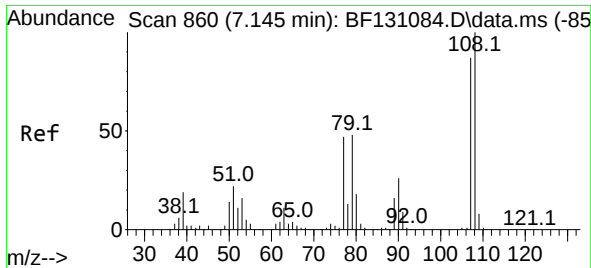
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.5

79 10.1 0.0 30.3





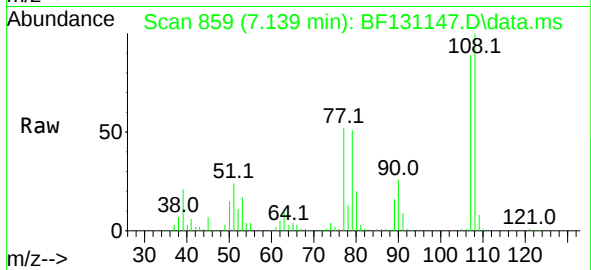
#17
2-Methylphenol
Concen: 36.719 ng
RT: 7.139 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

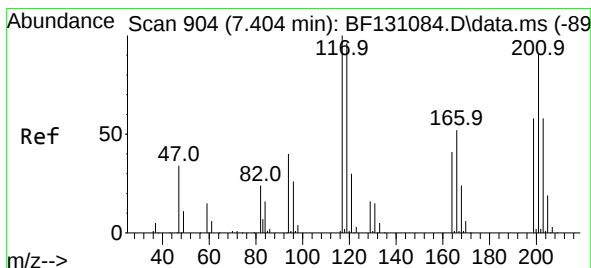
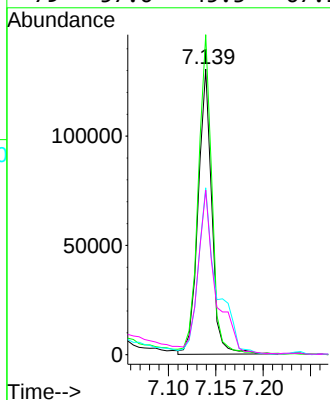


Tgt Ion:107 Resp: 130330
Ion Ratio Lower Upper
107 100
108 112.1 91.8 137.6
77 58.4 44.2 66.2
79 57.6 45.3 67.9

Manual Integrations

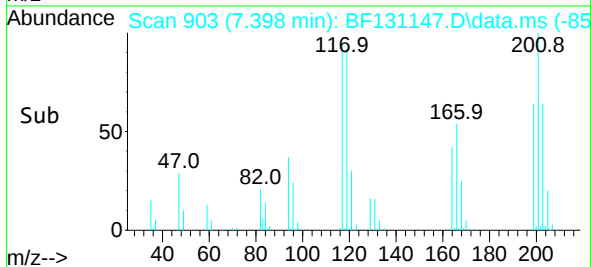
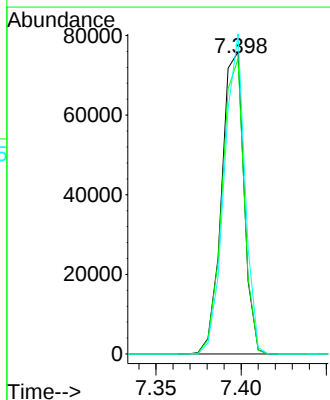
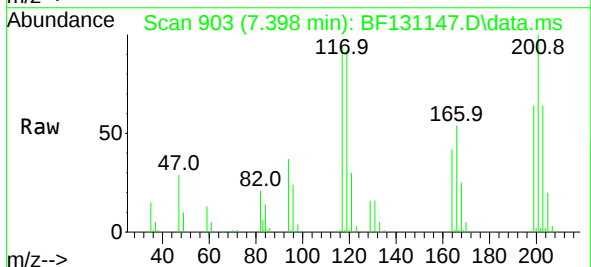
APPROVED

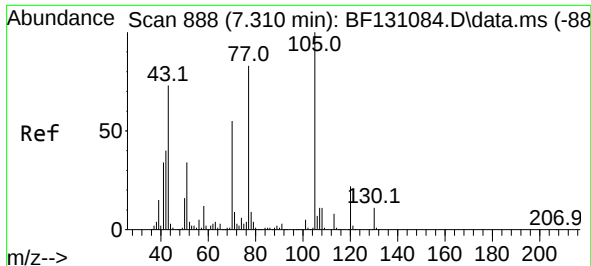
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#18
Hexachloroethane
Concen: 38.551 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Tgt Ion:117 Resp: 68911
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.4
201 106.0 72.6 109.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.998 ng

RT: 7.304 min Scan# 88

Delta R.T. -0.006 min

Lab File: BF131147.D

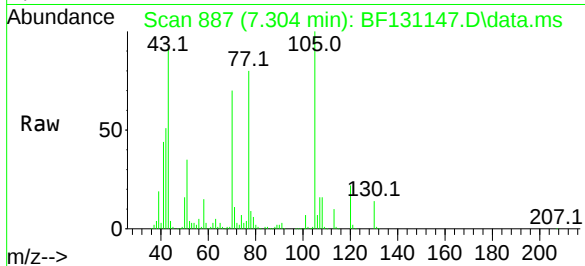
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 120320

Ion Ratio Lower Upper

70 100

42 73.1 58.3 87.5

101 9.7 7.4 11.2

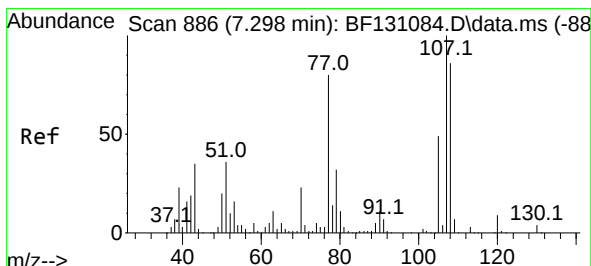
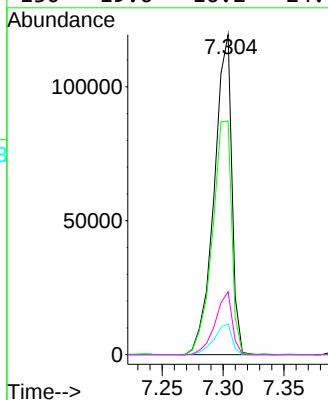
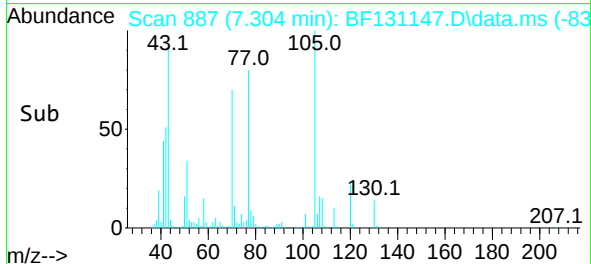
130 19.6 16.2 24.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/15/2022



#20

3+4-Methylphenols

Concen: 37.694 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Tgt Ion:107 Resp: 167158

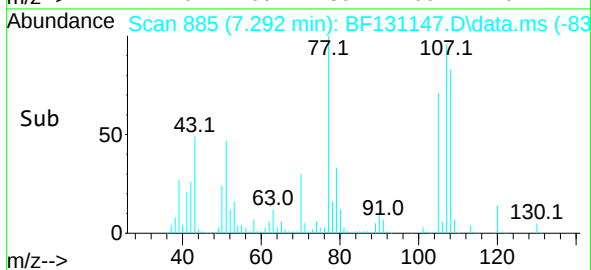
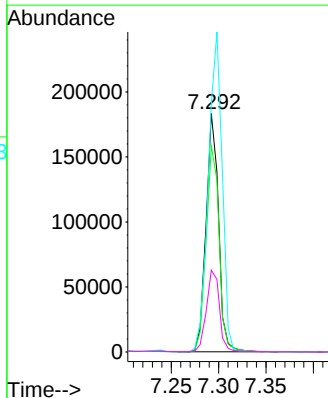
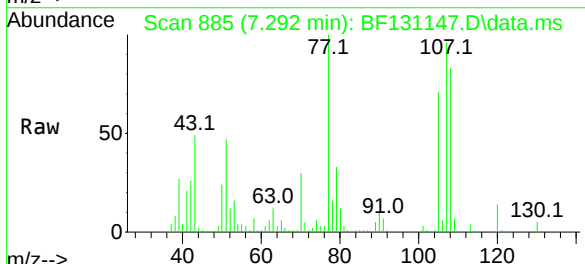
Ion Ratio Lower Upper

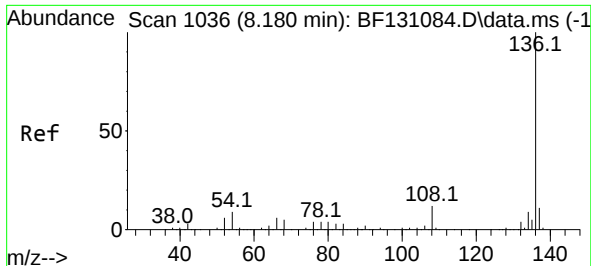
107 100

108 86.4 66.3 106.3

77 104.1 59.9 99.9#

79 34.3 12.7 52.7





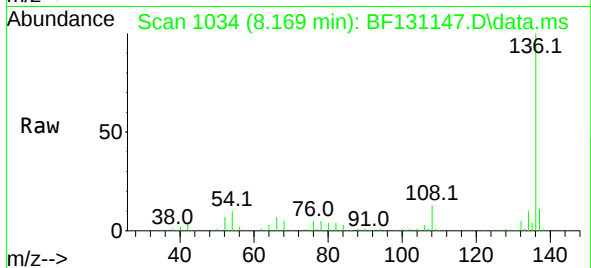
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

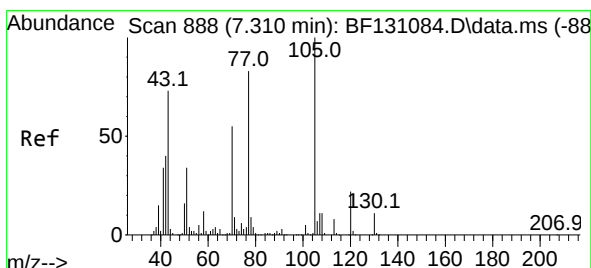
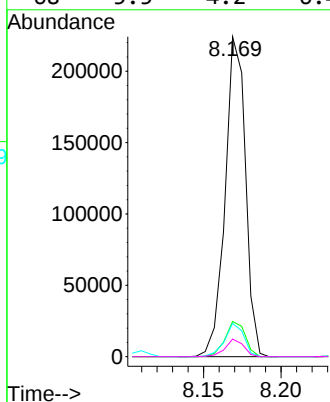
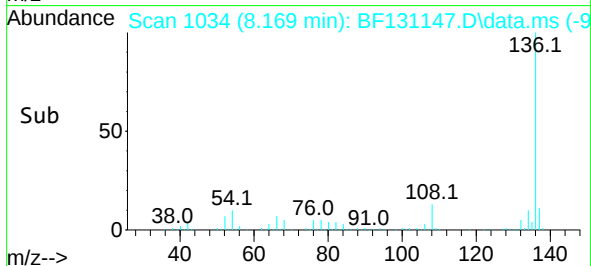


Tgt Ion:136 Resp: 204509
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.4 7.2 10.8
68 5.5 4.2 6.4

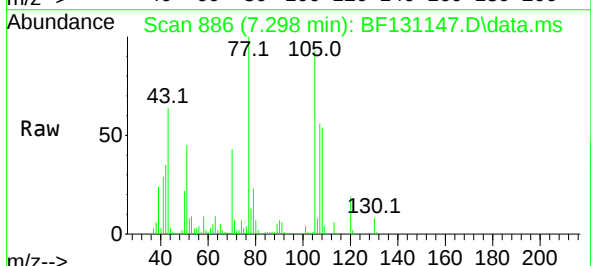
Manual Integrations

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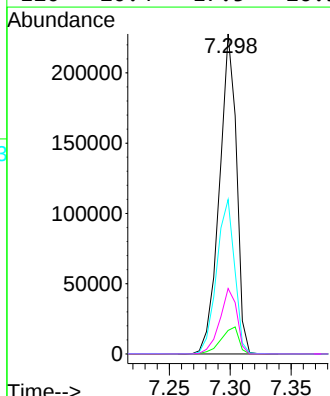
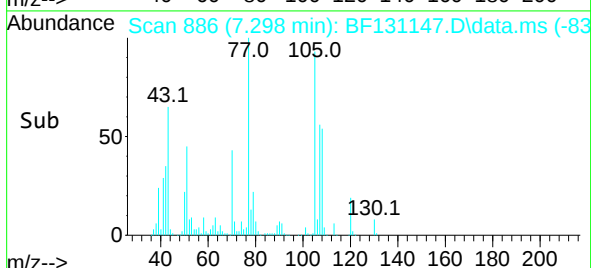
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

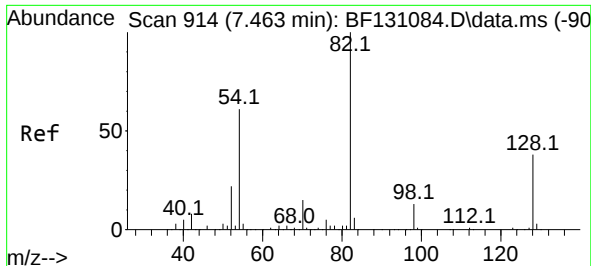


#22
Acetophenone
Concen: 43.562 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion:105 Resp: 222946
Ion Ratio Lower Upper
105 100
71 7.4 7.0 10.4
51 48.3 27.0 40.6#
120 20.4 17.5 26.3





#23

Nitrobenzene-d5

Concen: 82.179 ng

RT: 7.457 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

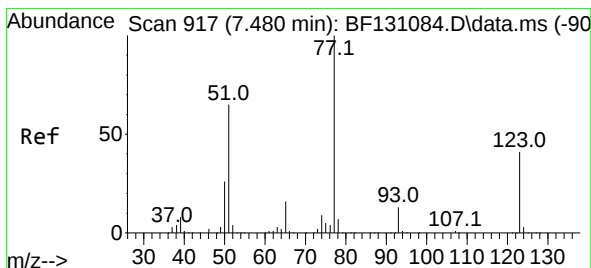
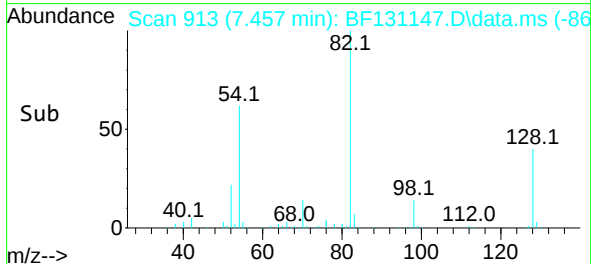
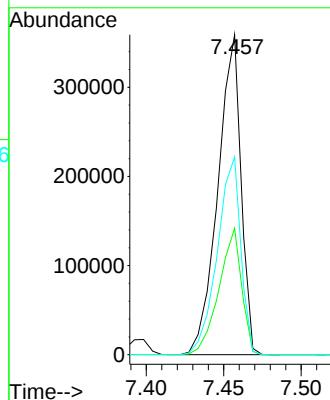
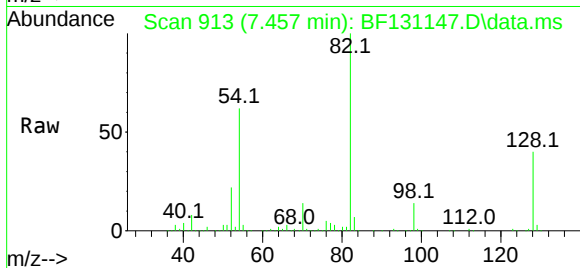
SSTDCCC040

Tgt Ion: 82 Resp: 372489
 Ion Ratio Lower Upper
 82 100
 128 39.6 30.5 45.7
 54 61.8 49.1 73.7

Manual Integrations

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 Supervised By :Jagrut Upadhyay 11/15/2022



#24

Nitrobenzene

Concen: 42.347 ng

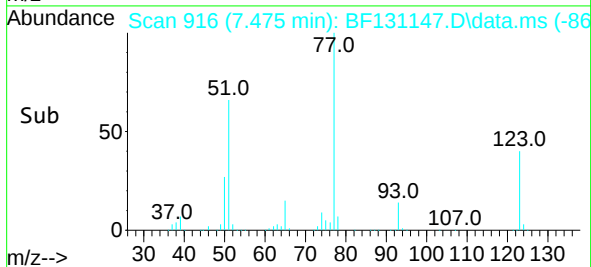
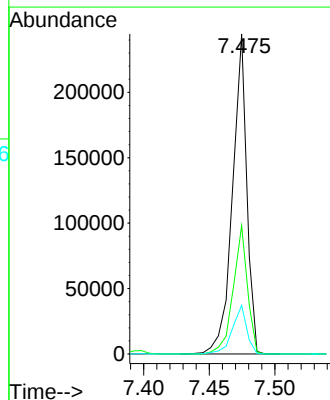
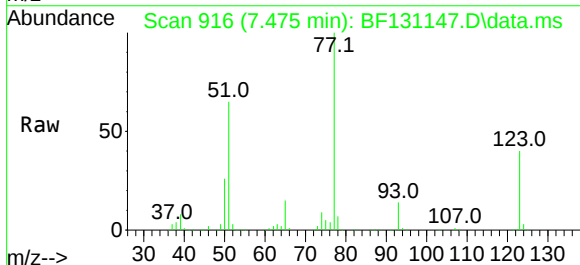
RT: 7.475 min Scan# 916

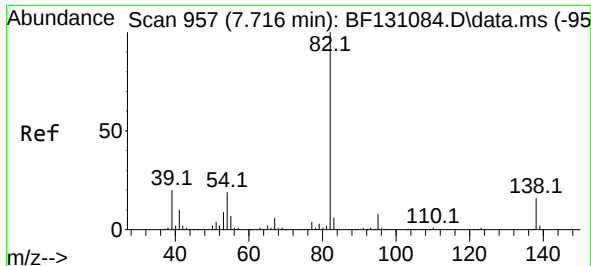
Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Tgt Ion: 77 Resp: 185934
 Ion Ratio Lower Upper
 77 100
 123 40.1 32.8 49.2
 65 15.2 12.4 18.6





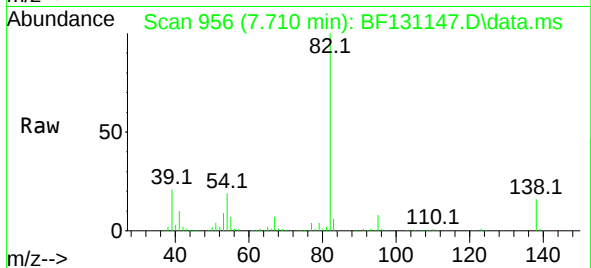
#25
Isophorone
Concen: 44.309 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

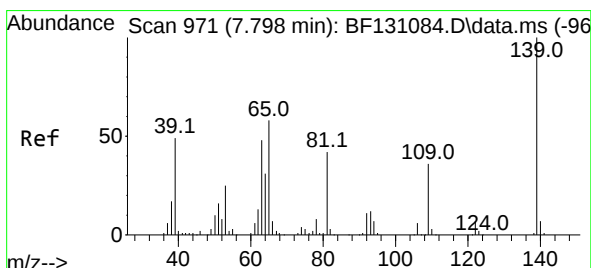
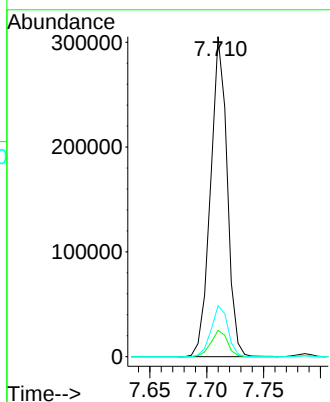
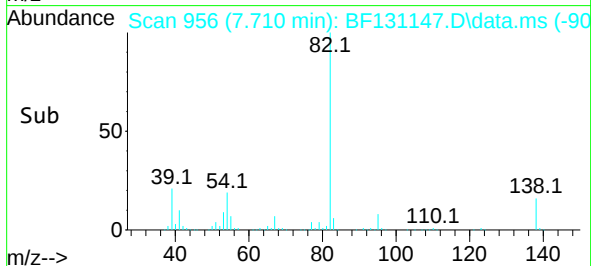


Tgt Ion: 82 Resp: 31053
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.2
138 15.9 12.5 18.7

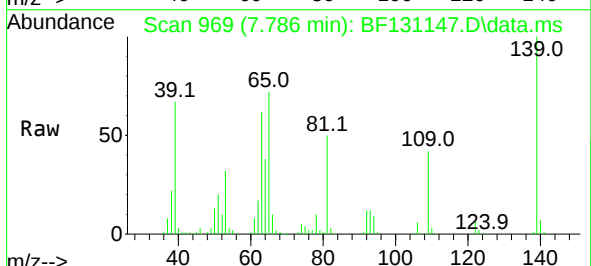
Manual Integrations

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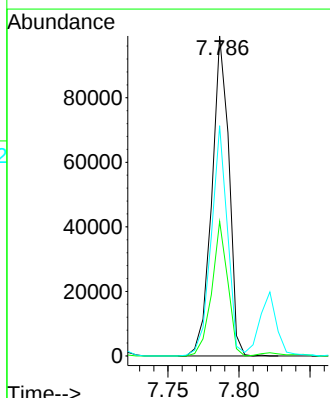
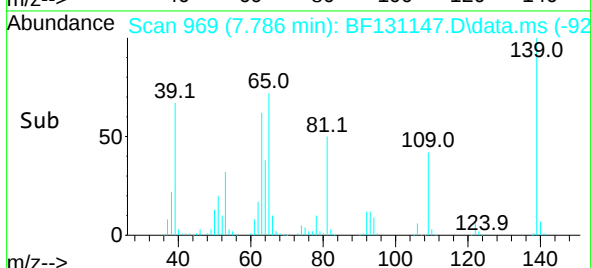
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

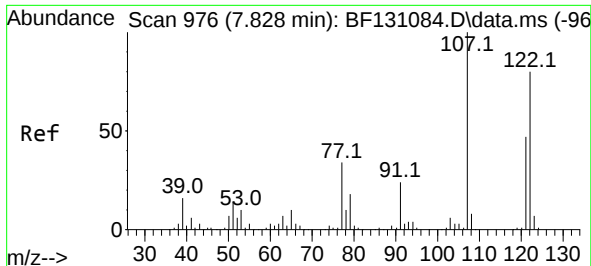


#26
2-Nitrophenol
Concen: 42.608 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion:139 Resp: 83011
Ion Ratio Lower Upper
139 100
109 42.0 28.6 43.0
65 71.9 46.2 69.4#





#27

2,4-Dimethylphenol

Concen: 42.240 ng m

RT: 7.822 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 12620

Ion Ratio Lower Upper

122 100

107 125.5 99.8 149.6

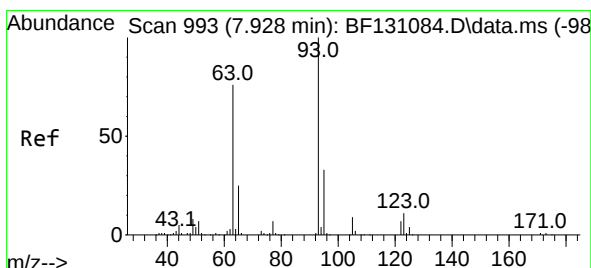
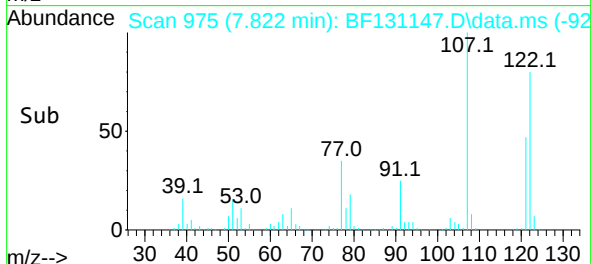
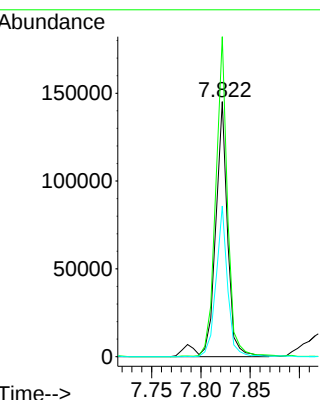
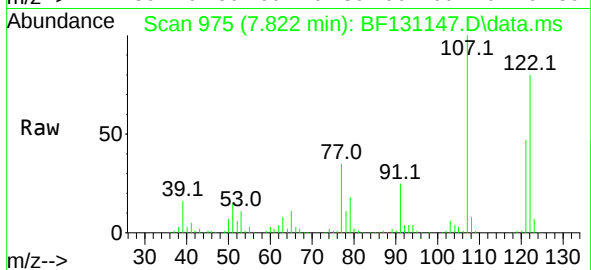
121 59.1 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.596 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

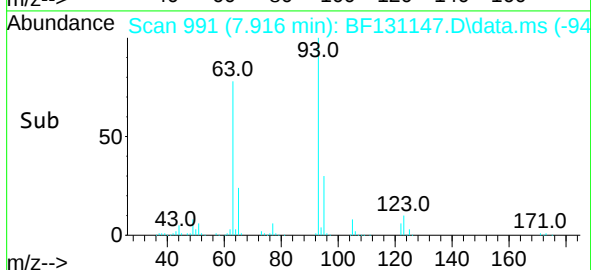
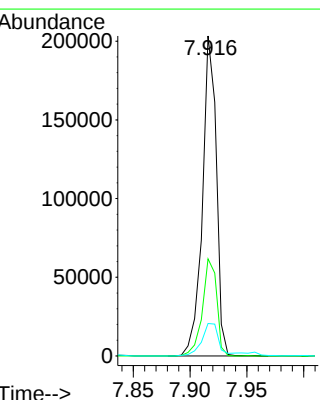
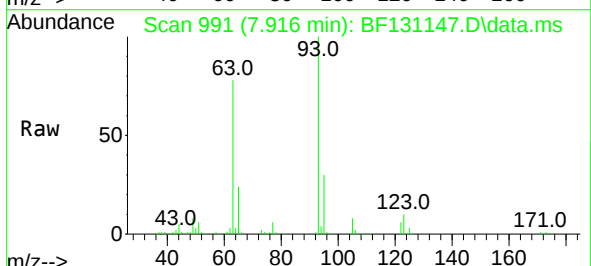
Tgt Ion: 93 Resp: 173154

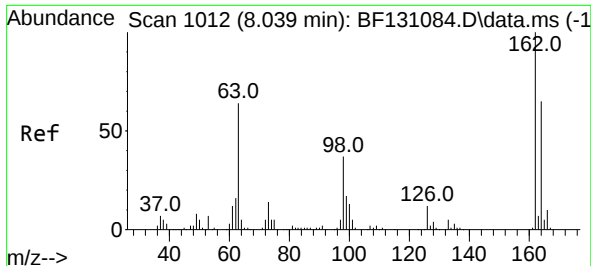
Ion Ratio Lower Upper

93 100

95 30.3 26.4 39.6

123 10.1 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 42.855 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

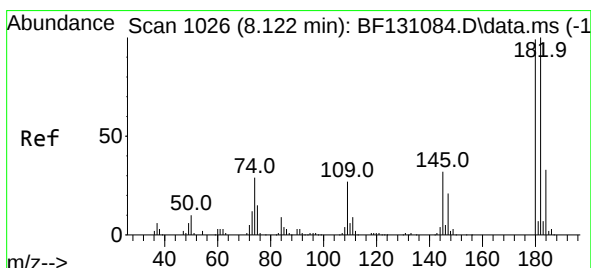
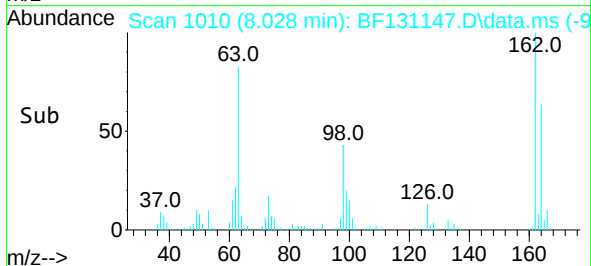
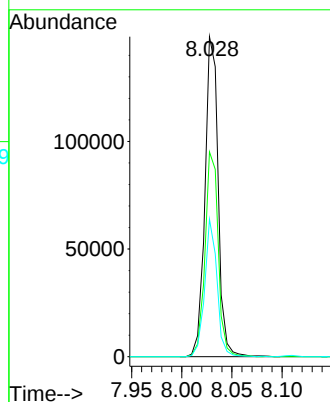
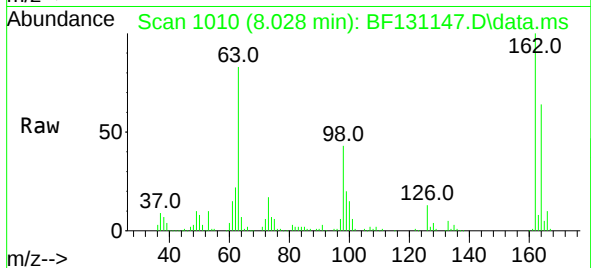
SSTDCCC040

Tgt Ion:162 Resp: 136880
Ion Ratio Lower Upper
162 100
164 64.0 45.0 85.0
98 43.0 17.0 57.0

Manual Integrations

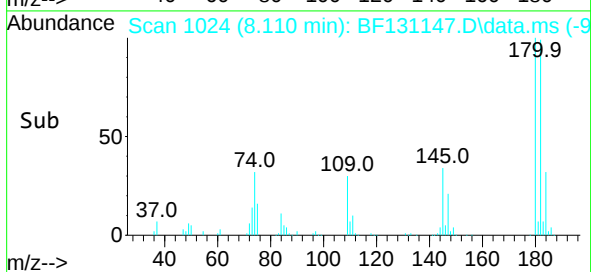
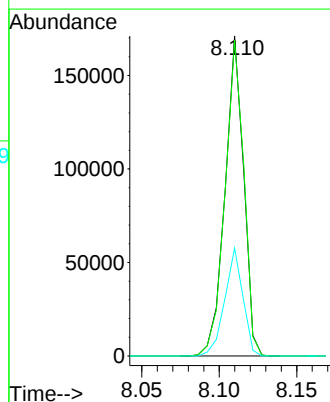
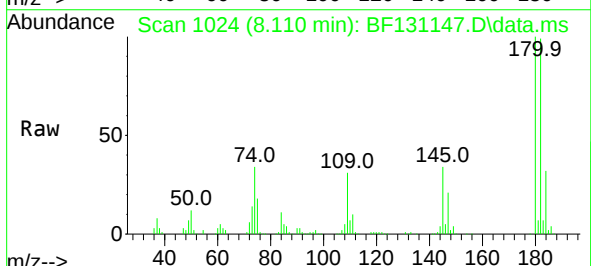
APPROVED

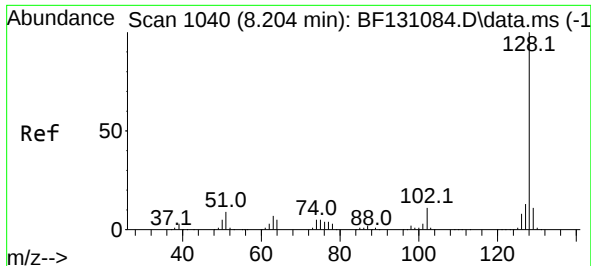
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#30
1,2,4-Trichlorobenzene
Concen: 41.447 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

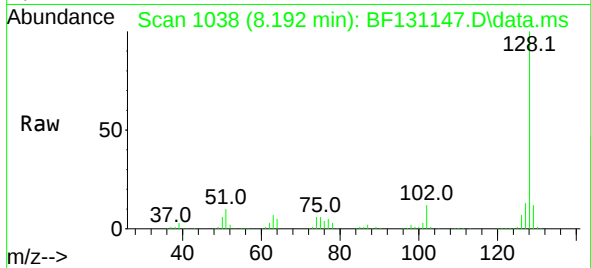
Tgt Ion:180 Resp: 142761
Ion Ratio Lower Upper
180 100
182 98.7 81.0 121.4
145 33.7 26.2 39.2





#31
Naphthalene
Concen: 39.660 ng
RT: 8.192 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

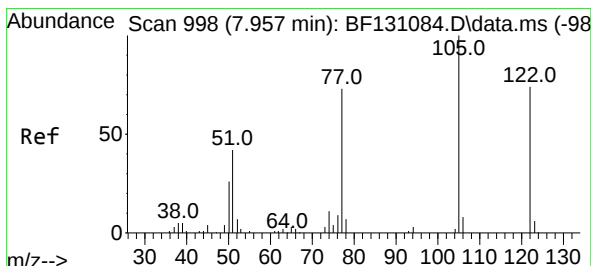
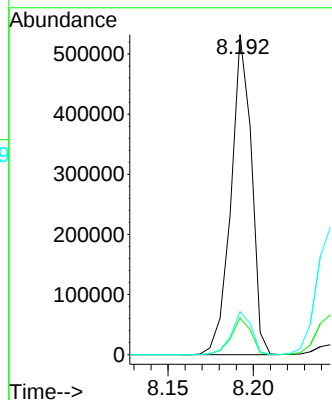
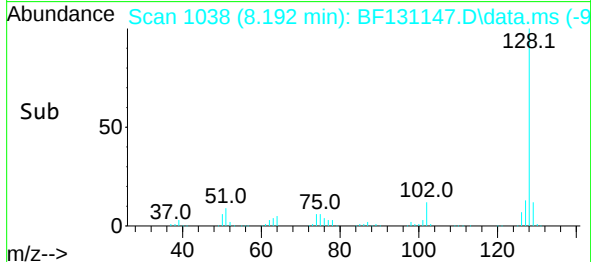
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 44317
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.4 10.8 16.2

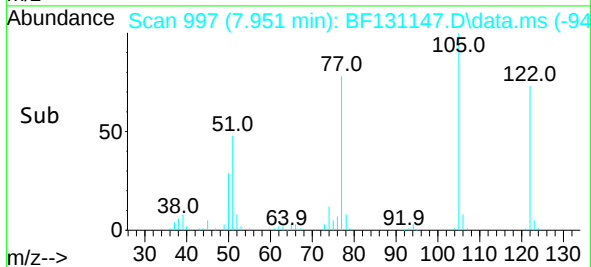
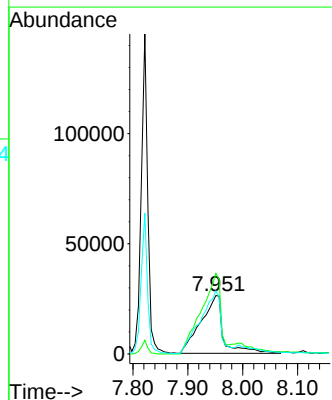
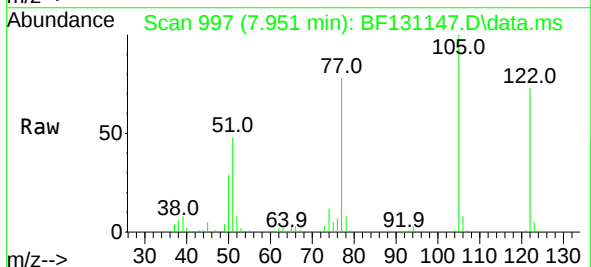
Manual Integrations
APPROVED

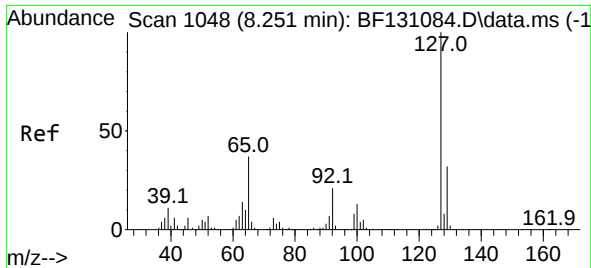
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#32
Benzoic acid
Concen: 37.352 ng m
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Tgt Ion:122 Resp: 75273
Ion Ratio Lower Upper
122 100
105 137.6 113.0 153.0
77 108.0 78.7 118.7





#33
4-Chloroaniline
Concen: 39.571 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

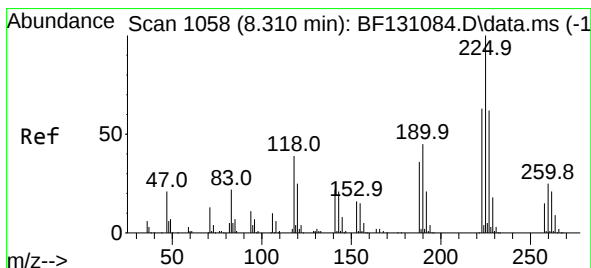
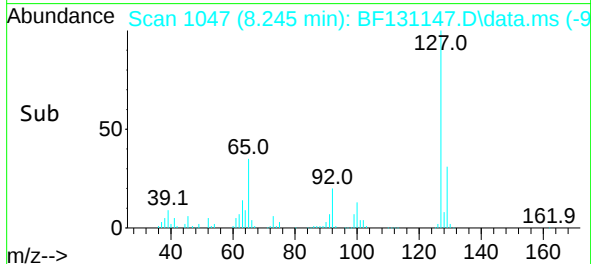
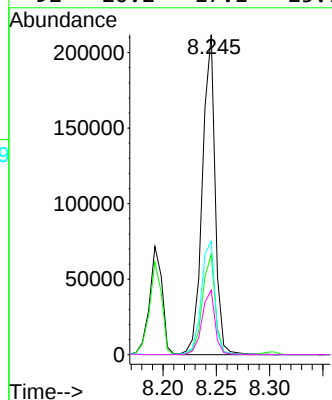
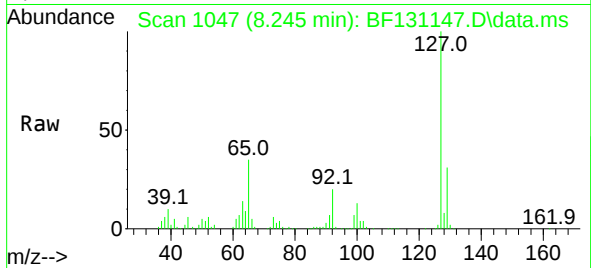
SSTDCCC040

Tgt Ion:127 Resp: 177308
Ion Ratio Lower Upper
127 100
129 31.3 25.8 38.6
65 35.4 29.6 44.4
92 20.2 17.1 25.7

Manual Integrations

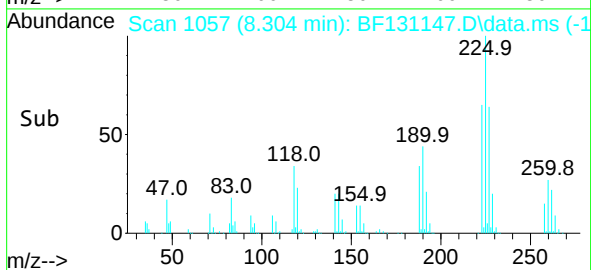
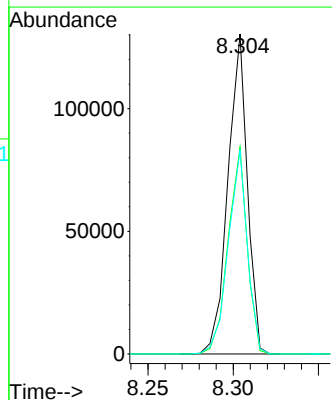
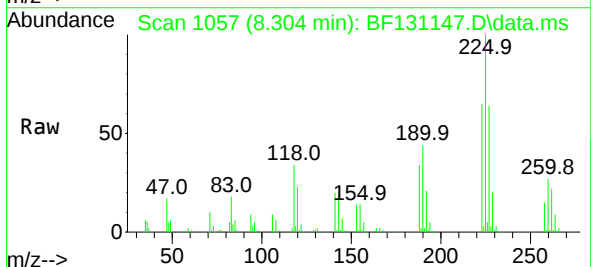
APPROVED

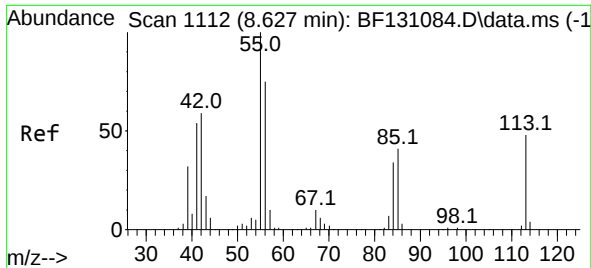
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#34
Hexachlorobutadiene
Concen: 43.879 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

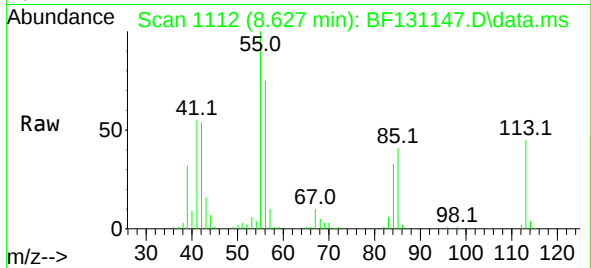
Tgt Ion:225 Resp: 103273
Ion Ratio Lower Upper
225 100
223 64.5 50.2 75.2
227 63.5 49.9 74.9





#35
Caprolactam
Concen: 39.172 ng
RT: 8.627 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

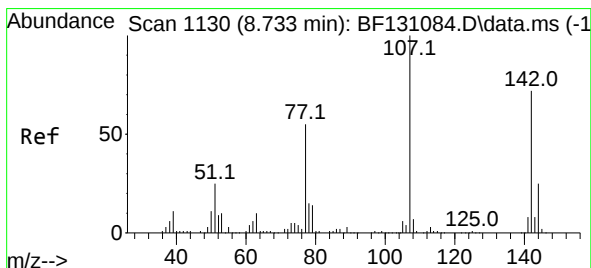
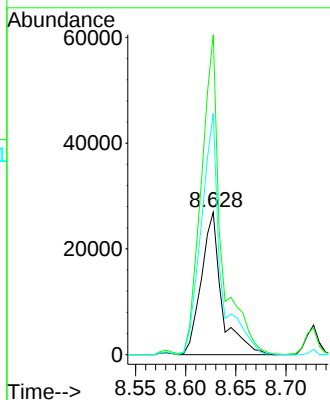
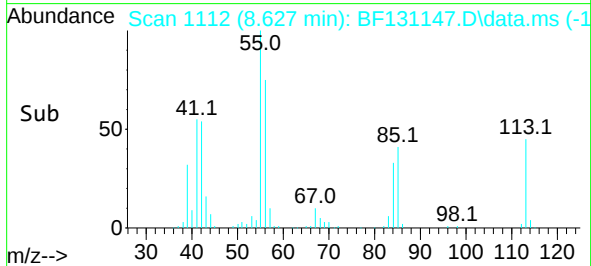
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



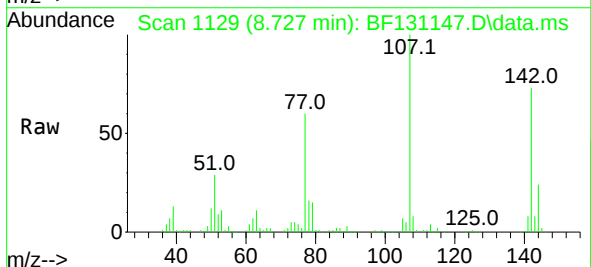
Tgt Ion:113 Resp: 3835
Ion Ratio Lower Upper
113 100
55 224.6 189.1 229.1
56 169.4 137.1 177.1

Manual Integrations
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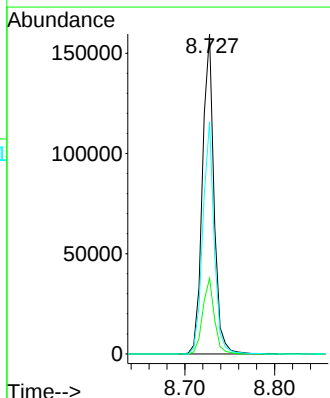
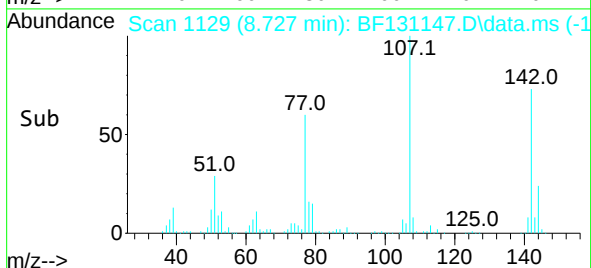
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

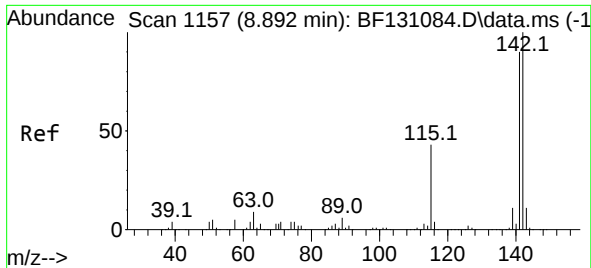


#36
4-Chloro-3-methylphenol
Concen: 40.313 ng
RT: 8.727 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion:107 Resp: 142496
Ion Ratio Lower Upper
107 100
144 23.7 20.0 30.0
142 72.5 57.6 86.4





#37

2-Methylnaphthalene

Concen: 41.364 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 297950

Ion Ratio Lower Upper

142 100

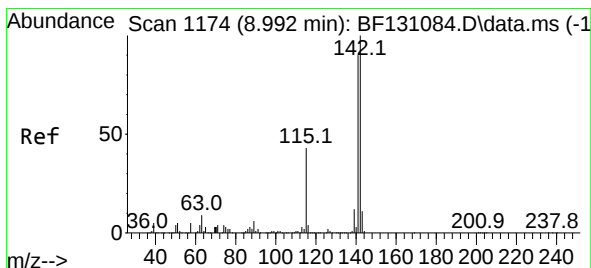
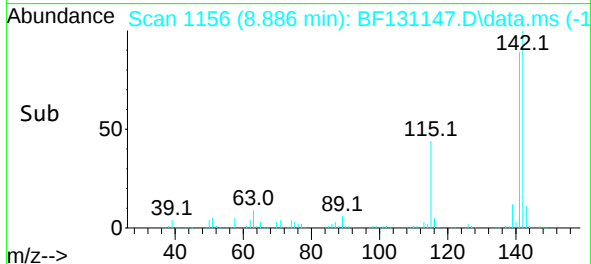
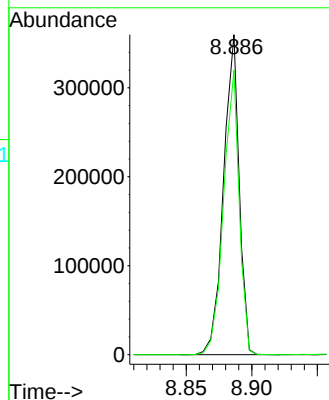
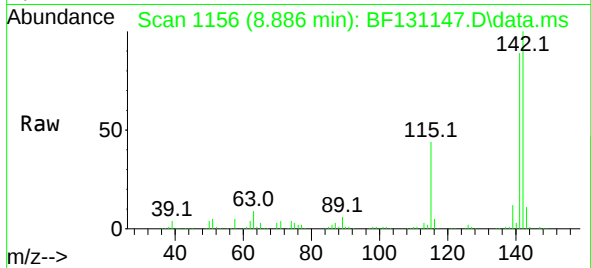
141 88.8 72.0 108.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#38

1-Methylnaphthalene

Concen: 40.860 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF131147.D

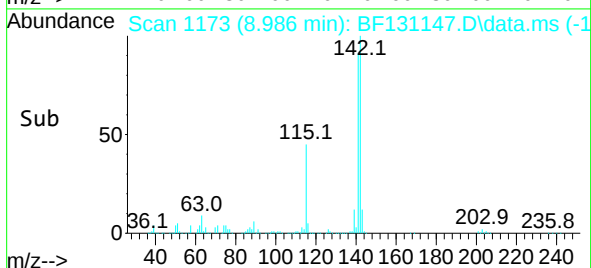
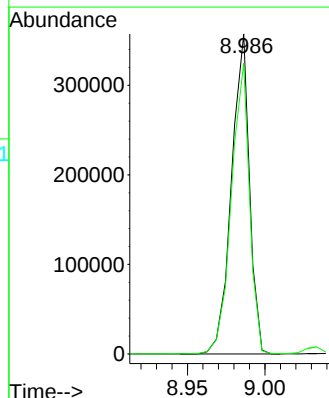
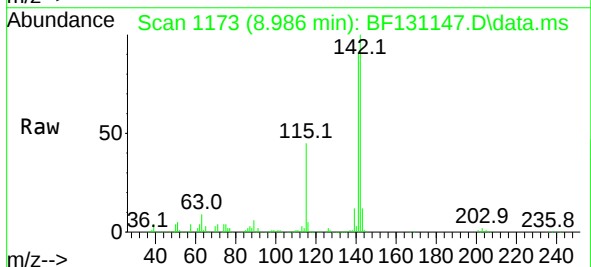
Acq: 11 Nov 2022 10:40

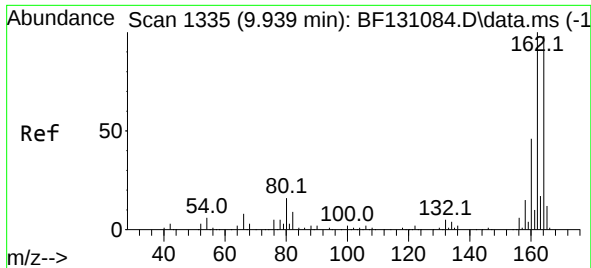
Tgt Ion:142 Resp: 288238

Ion Ratio Lower Upper

142 100

141 90.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 11306

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 11306

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

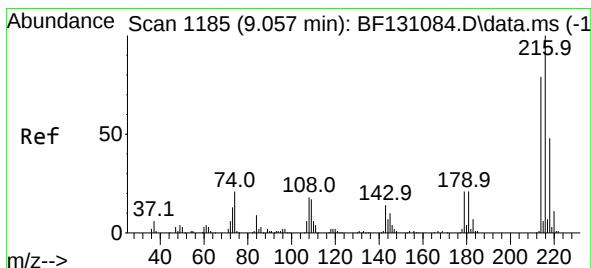
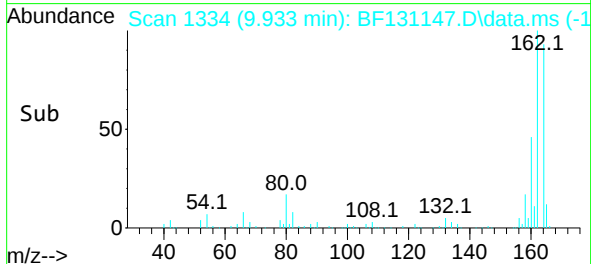
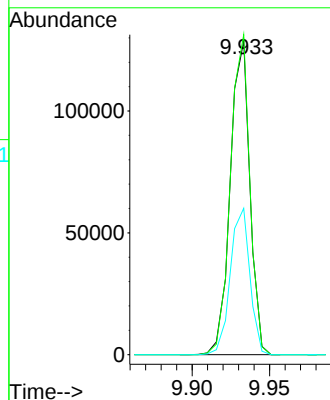
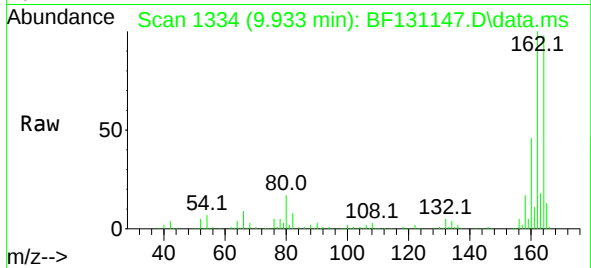
160 46.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.427 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Tgt Ion:216 Resp: 152947

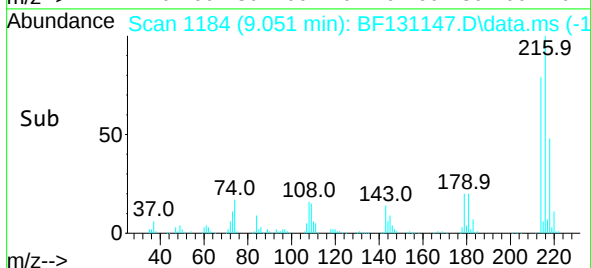
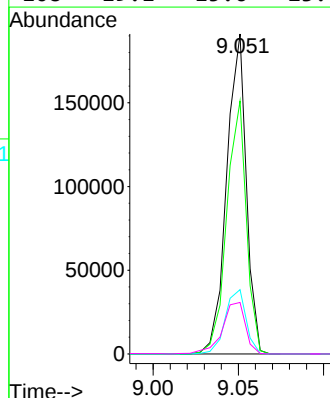
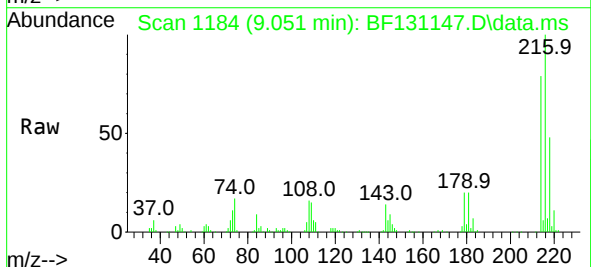
Ion Ratio Lower Upper

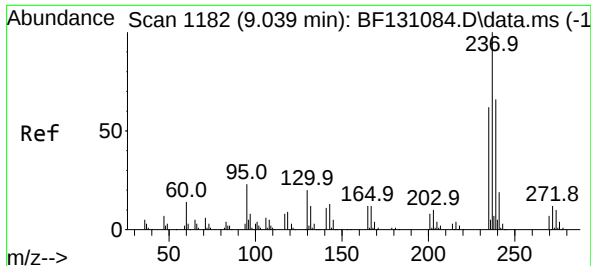
216 100

214 79.0 62.5 93.7

179 21.3 16.7 25.1

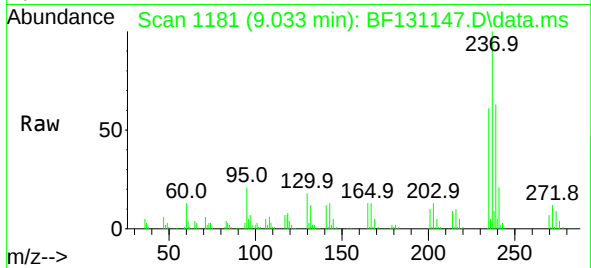
108 19.1 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 34.068 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

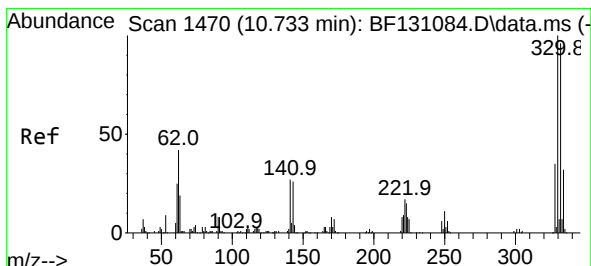
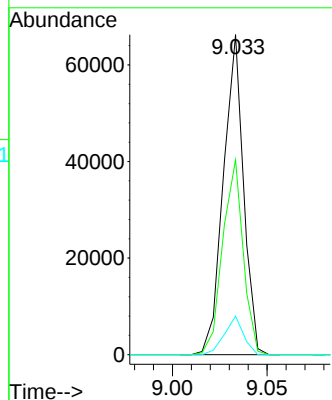
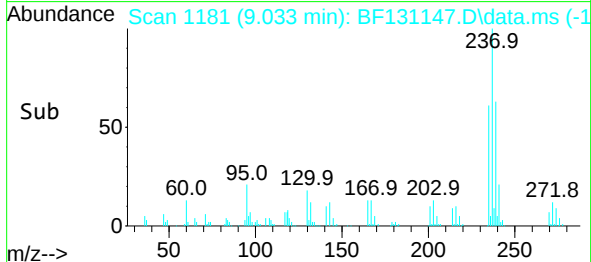
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



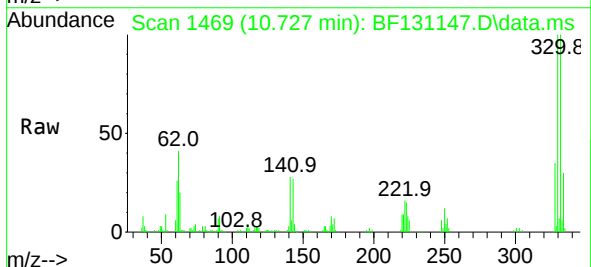
Tgt Ion:237 Resp: 49070
Ion Ratio Lower Upper
237 100
235 60.8 42.4 82.4
272 12.0 0.0 32.4

Manual Integrations
APPROVED

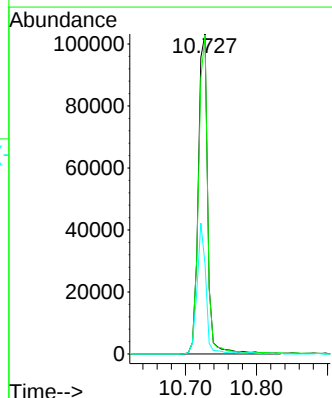
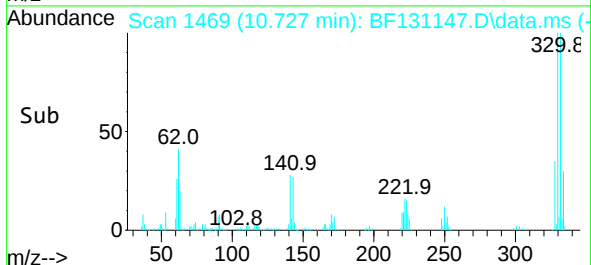
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

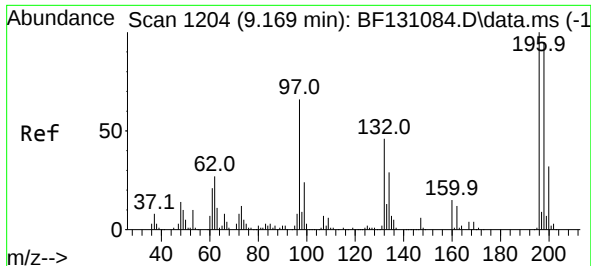


#42
2,4,6-Tribromophenol
Concen: 81.837 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



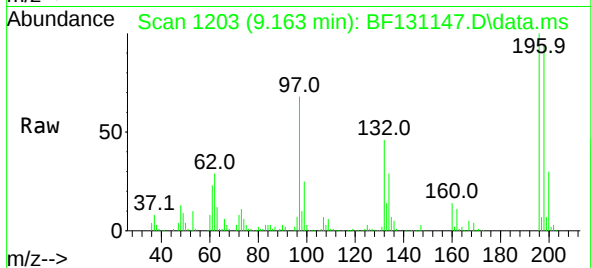
Tgt Ion:330 Resp: 95623
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 38.2 28.5 42.7





#43
2,4,6-Trichlorophenol
Concen: 41.680 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

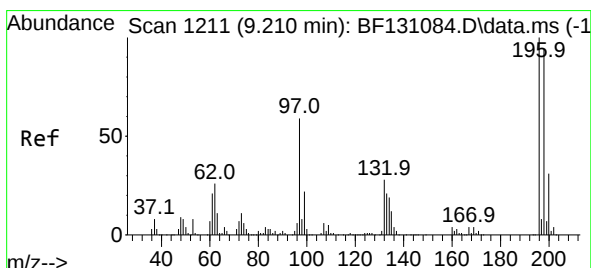
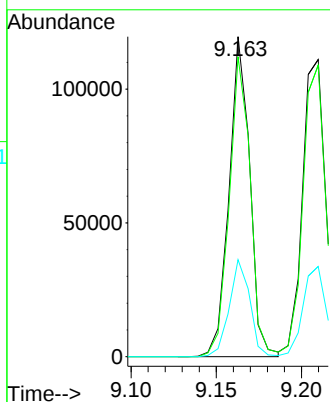
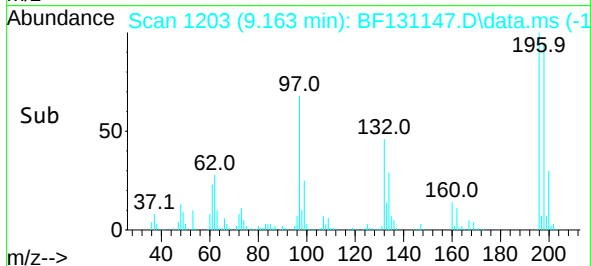
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



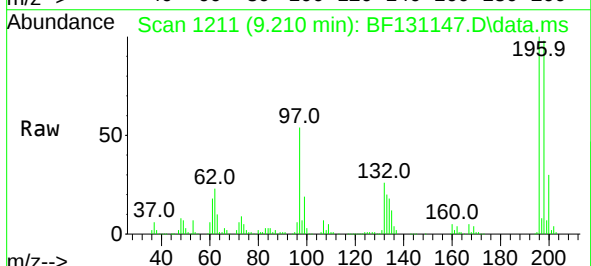
Tgt Ion:196 Resp: 10098
Ion Ratio Lower Upper
196 100
198 93.7 76.2 114.4
200 30.3 25.3 37.9

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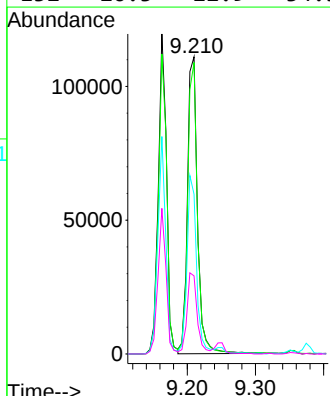
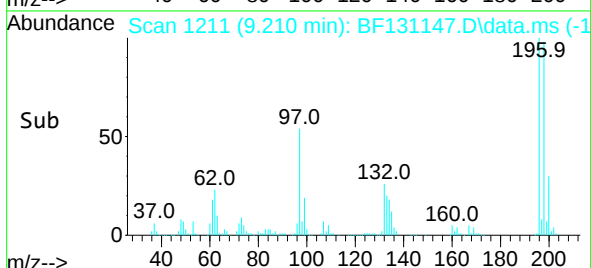
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

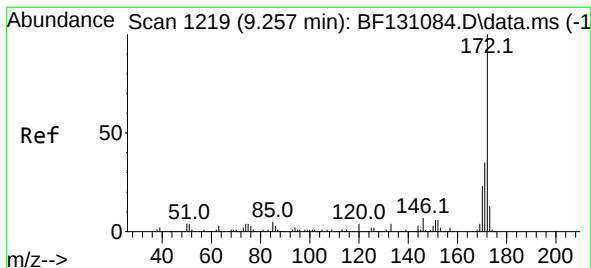


#44
2,4,5-Trichlorophenol
Concen: 41.462 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion:196 Resp: 112395
Ion Ratio Lower Upper
196 100
198 98.1 75.7 113.5
97 53.8 47.5 71.3
132 26.3 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 82.267 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 666288

Ion Ratio Lower Upper

172 100

171 35.2 27.7 41.5

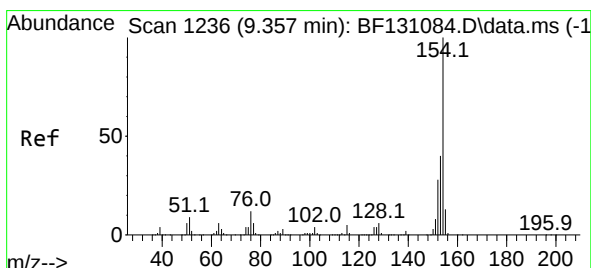
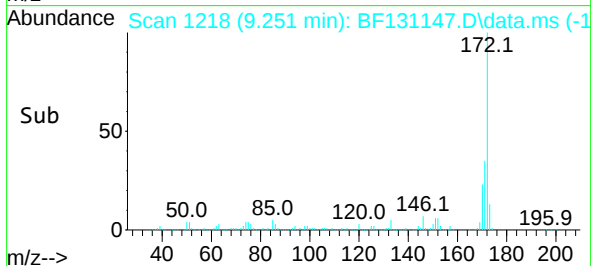
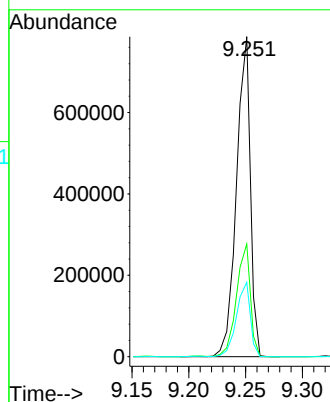
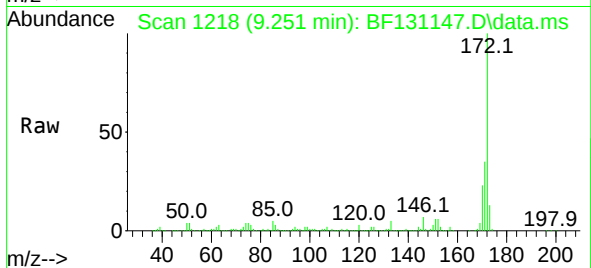
170 23.3 18.8 28.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#46

1,1'-Biphenyl

Concen: 40.001 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

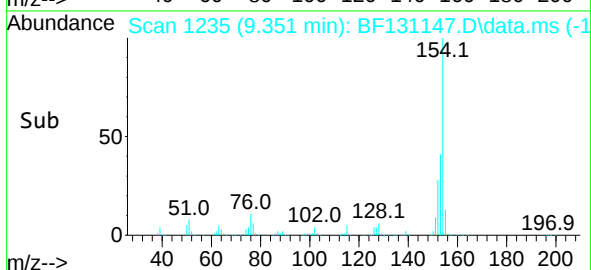
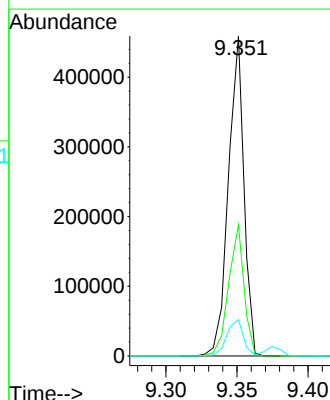
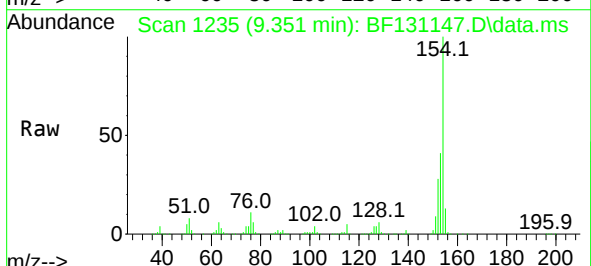
Tgt Ion:154 Resp: 349672

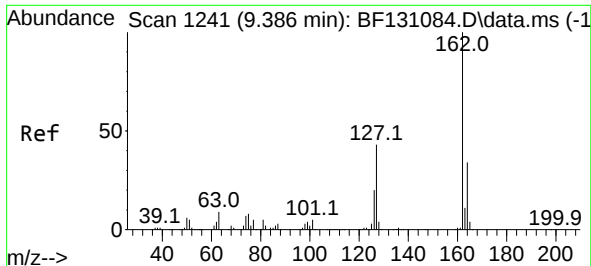
Ion Ratio Lower Upper

154 100

153 41.0 19.9 59.9

76 11.4 0.0 32.5





#47

2-Chloronaphthalene

Concen: 39.847 ng

RT: 9.374 min Scan# 1239

Delta R.T. -0.012 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

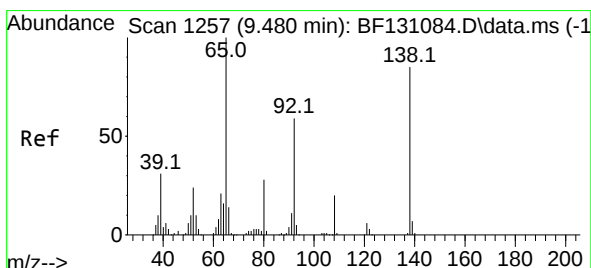
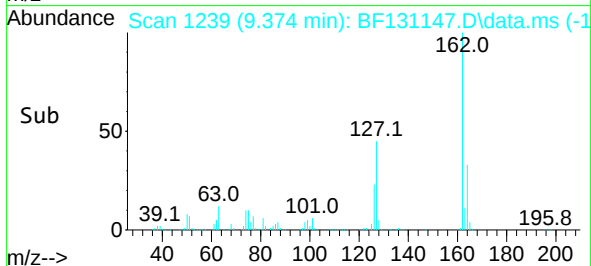
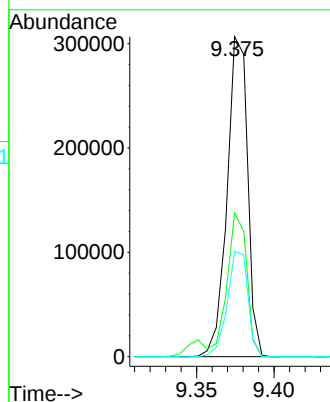
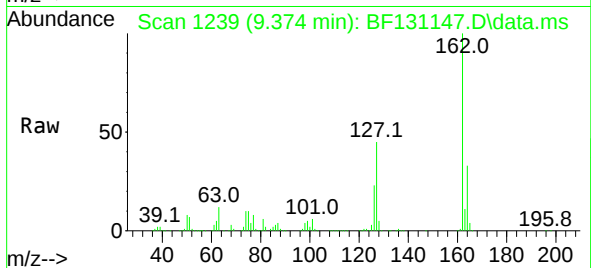
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 282662
 Ion Ratio Lower Upper
 162 100
 127 45.0 34.4 51.6
 164 32.9 26.9 40.3

Manual Integrations
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Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022



#48

2-Nitroaniline

Concen: 44.207 ng

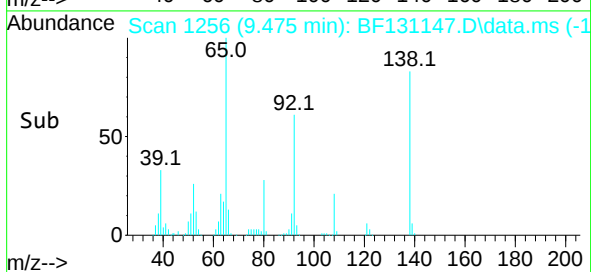
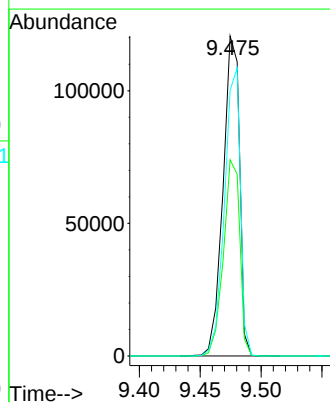
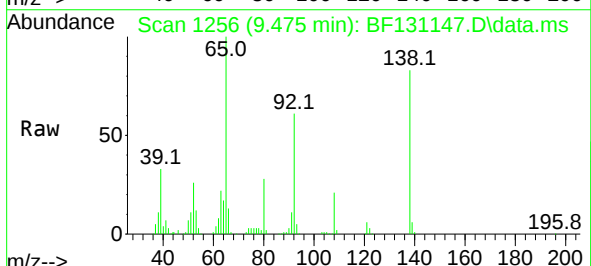
RT: 9.475 min Scan# 1256

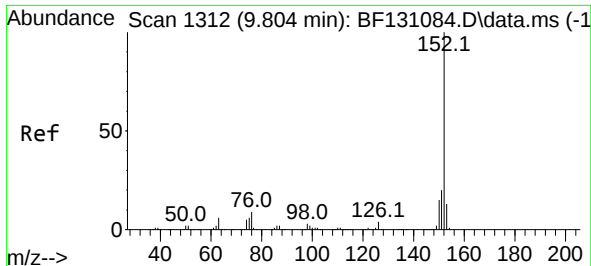
Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Tgt Ion: 65 Resp: 114131
 Ion Ratio Lower Upper
 65 100
 92 61.3 47.5 71.3
 138 83.0 67.8 101.8





#49

Acenaphthylene

Concen: 40.487 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 438850

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

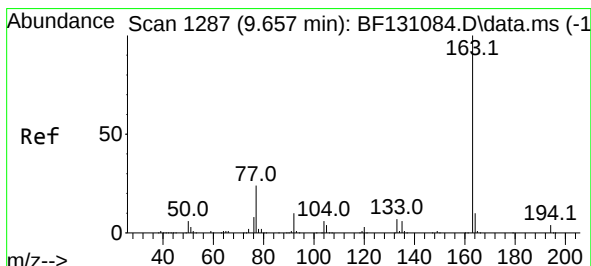
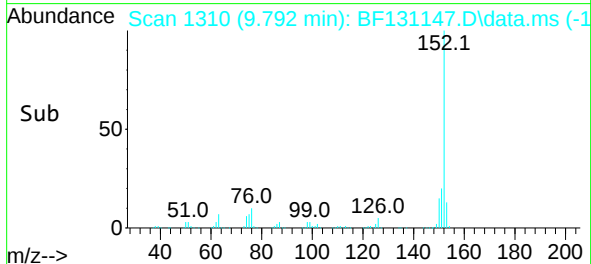
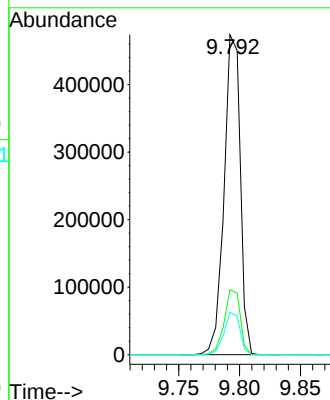
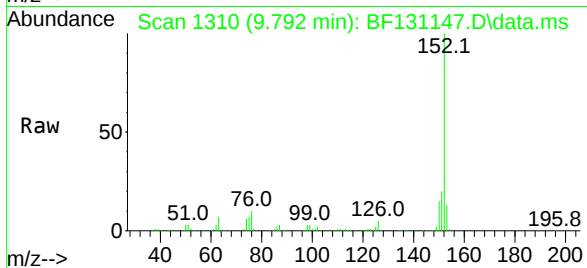
153 13.3 10.2 15.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#50

Dimethylphthalate

Concen: 41.383 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

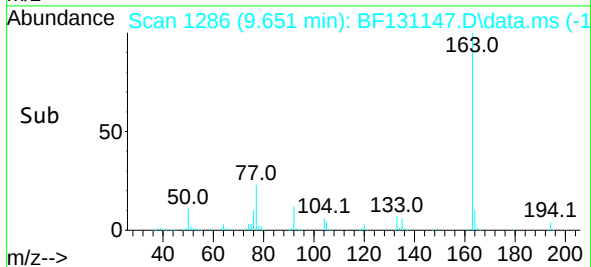
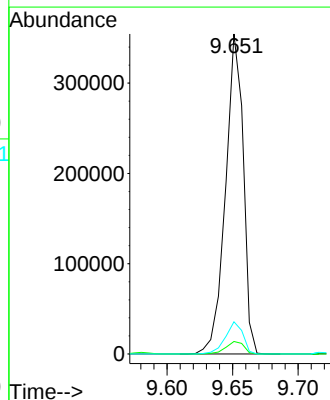
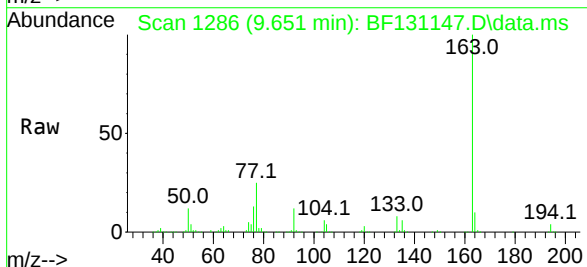
Tgt Ion:163 Resp: 332820

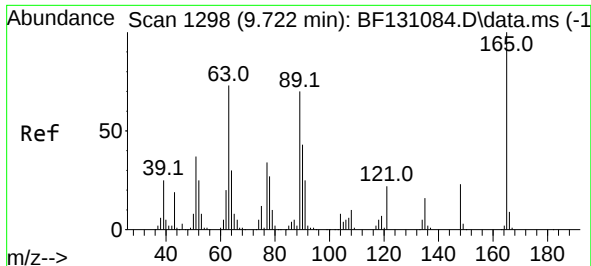
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.645 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

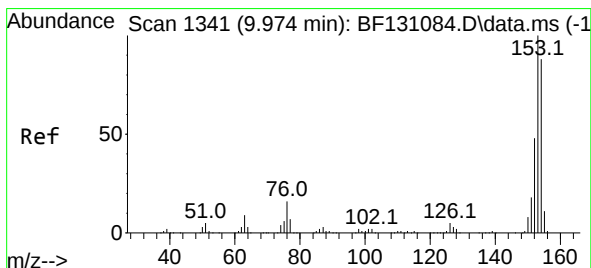
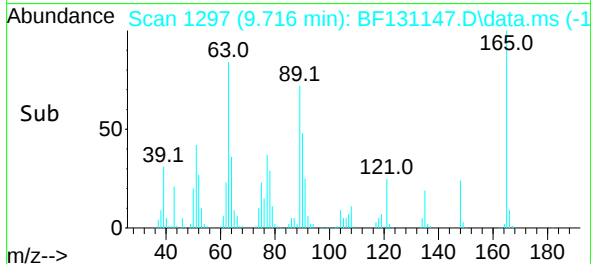
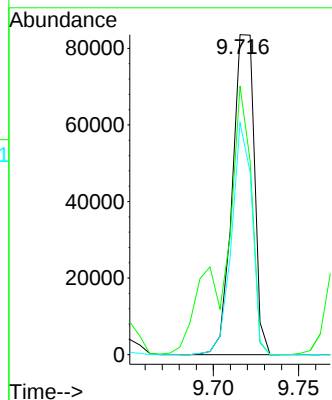
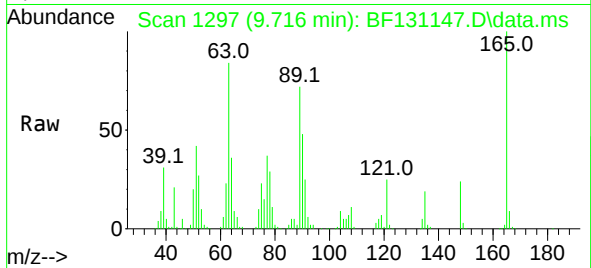
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 7537
Ion Ratio Lower Upper
165 100
63 83.9 61.4 92.2
89 72.5 56.0 84.0

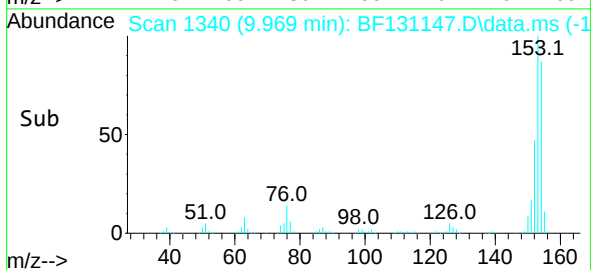
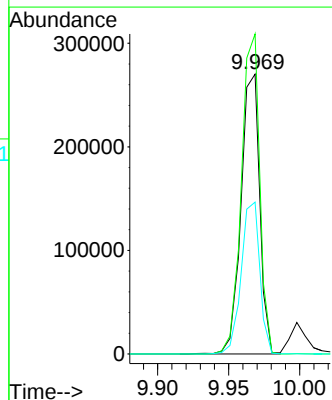
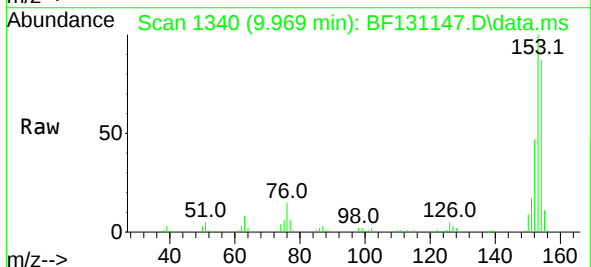
Manual Integrations
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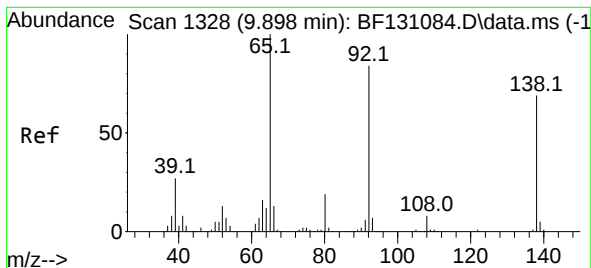
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#52
Acenaphthene
Concen: 38.321 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Tgt Ion:154 Resp: 247770
Ion Ratio Lower Upper
154 100
153 114.4 90.8 136.2
152 54.2 43.4 65.2





#53

3-Nitroaniline

Concen: 39.451 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 79719

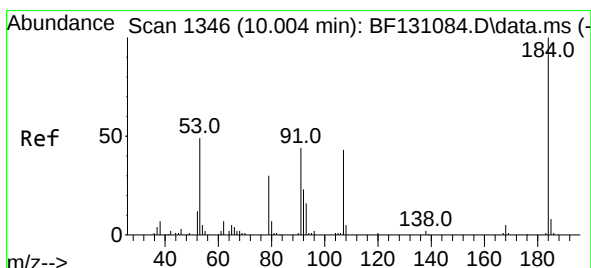
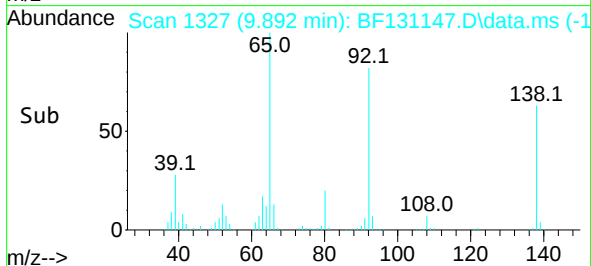
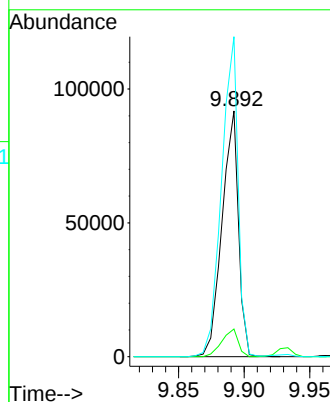
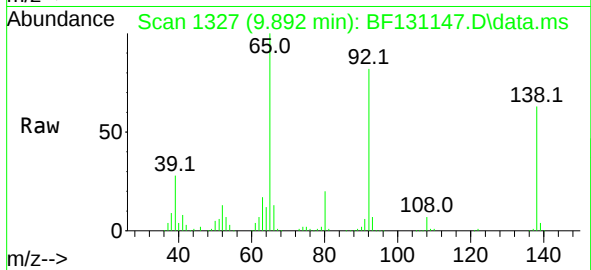
Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.6	13.0
92	130.2	96.6	145.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#54

2,4-Dinitrophenol

Concen: 38.271 ng

RT: 9.998 min Scan# 1345

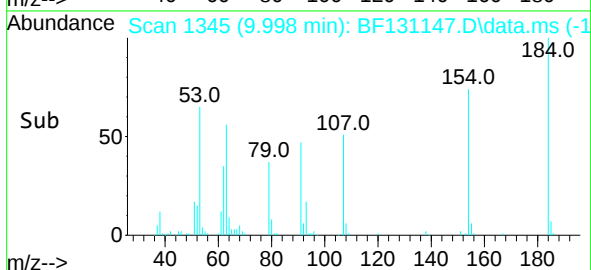
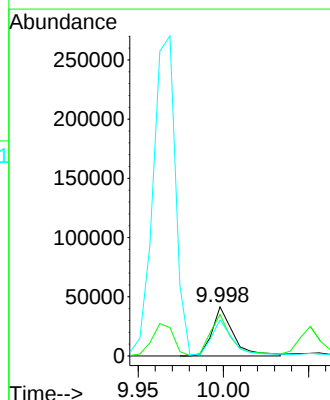
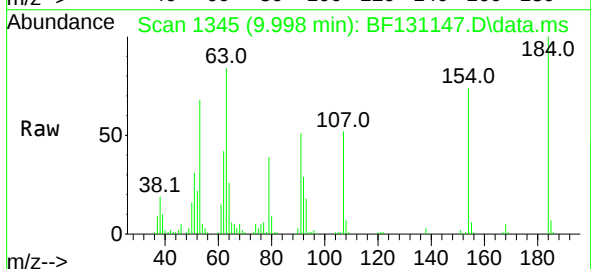
Delta R.T. -0.006 min

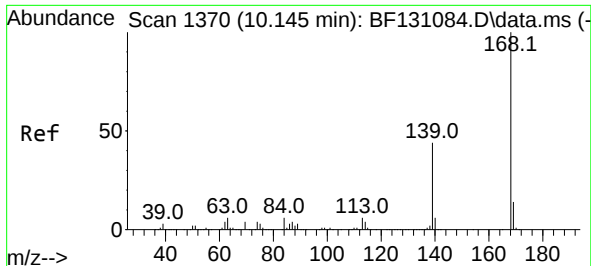
Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Tgt Ion:184 Resp: 35504

Ion	Ratio	Lower	Upper
184	100		
63	84.5	53.3	79.9
154	73.7	55.5	83.3





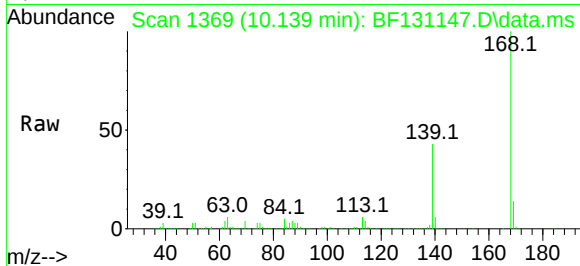
#55
Dibenzenofuran
Concen: 47.160 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

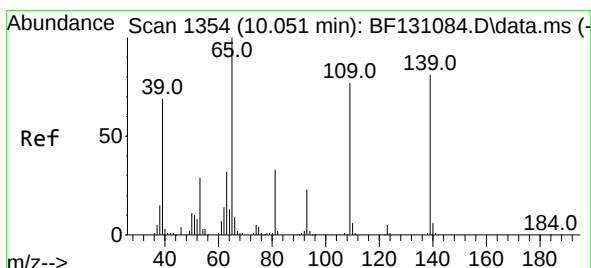
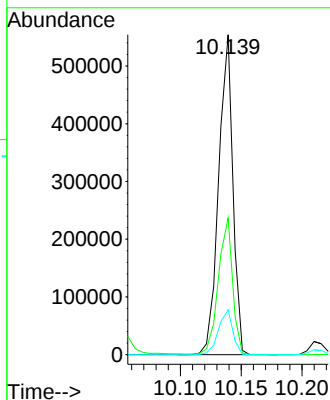
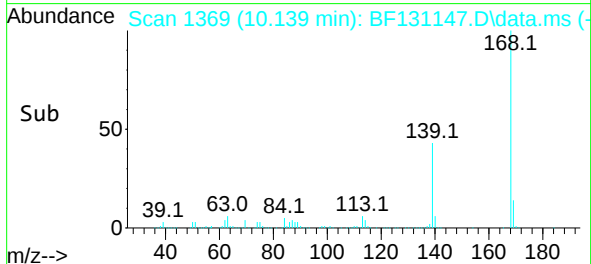


Tgt Ion:168 Resp: 451570
Ion Ratio Lower Upper
168 100
139 42.7 35.0 52.4
169 14.1 11.2 16.8

Manual Integrations

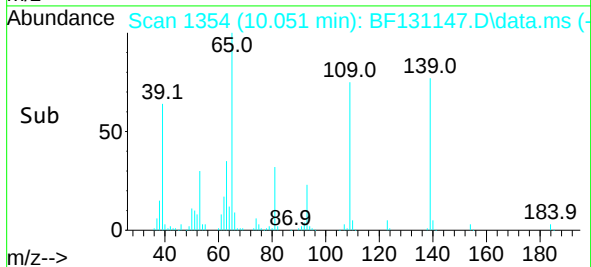
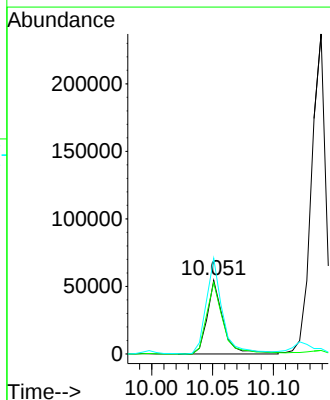
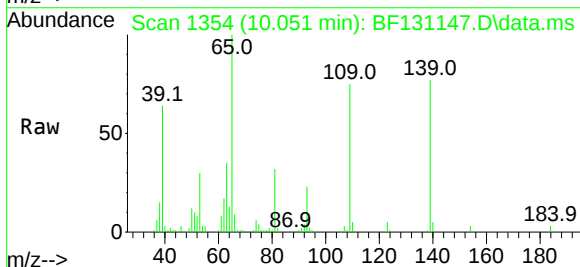
APPROVED

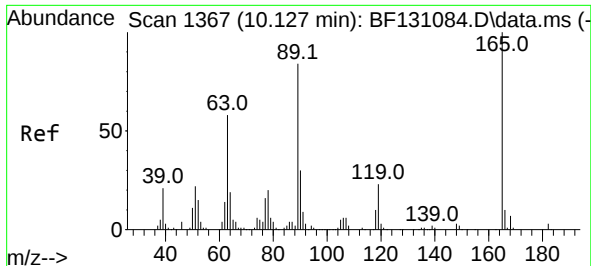
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#56
4-Nitrophenol
Concen: 37.125 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Tgt Ion:139 Resp: 49930
Ion Ratio Lower Upper
139 100
109 97.0 75.5 115.5
65 130.0 104.5 144.5





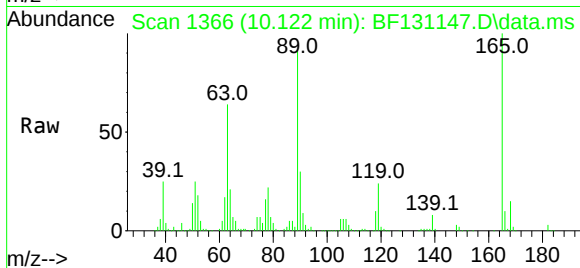
#57
2,4-Dinitrotoluene
Concen: 49.186 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

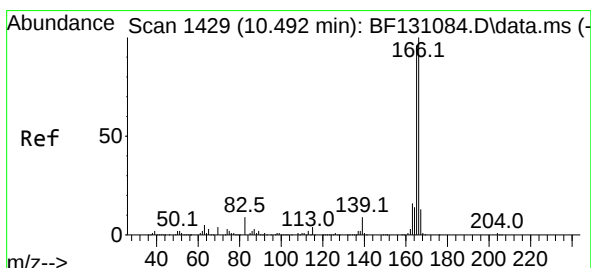
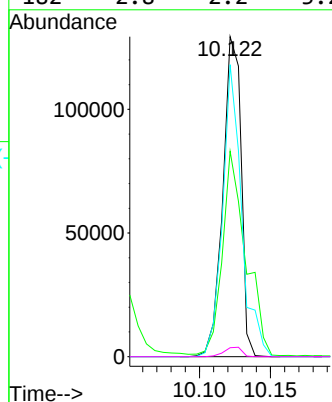
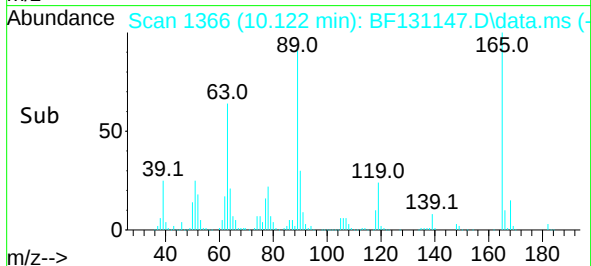


Tgt Ion:165 Resp: 11556
Ion Ratio Lower Upper
165 100
63 64.2 46.9 70.3
89 91.2 66.9 100.3
182 2.8 2.2 3.2

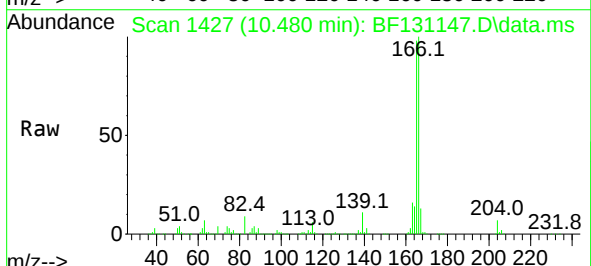
Manual Integrations

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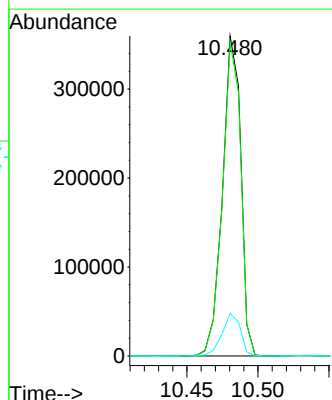
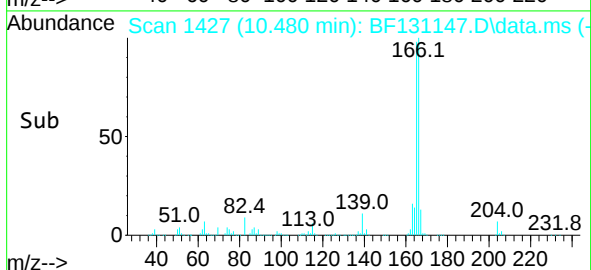
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

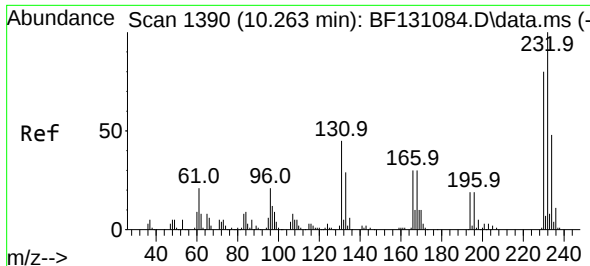


#58
Fluorene
Concen: 41.434 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



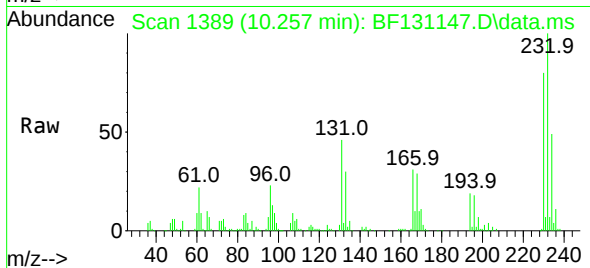
Tgt Ion:166 Resp: 322230
Ion Ratio Lower Upper
166 100
165 98.0 77.2 115.8
167 13.2 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.309 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

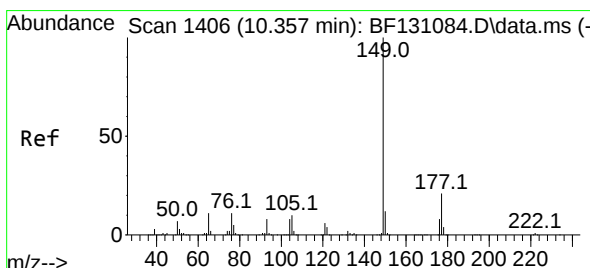
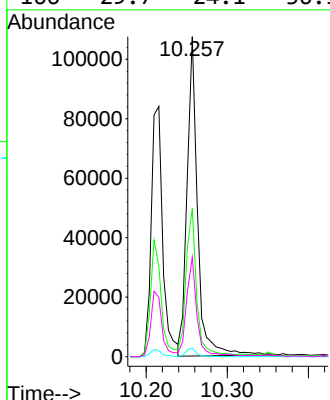
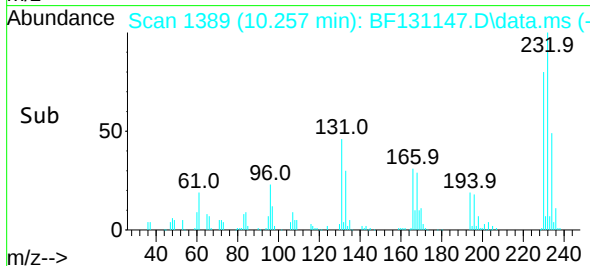
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



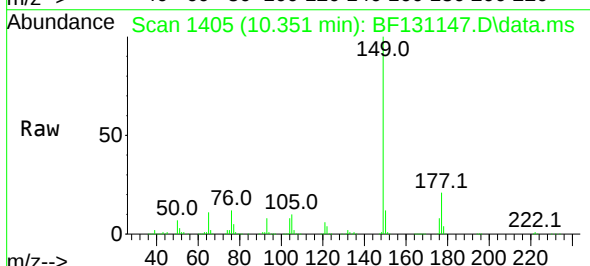
Tgt Ion:232 Resp: 96528
Ion Ratio Lower Upper
232 100
131 45.7 36.2 54.2
130 2.7 1.9 2.9
166 29.7 24.1 36.1

Manual Integrations
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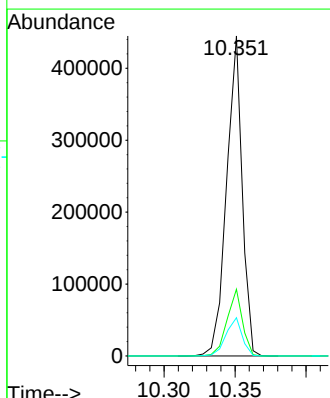
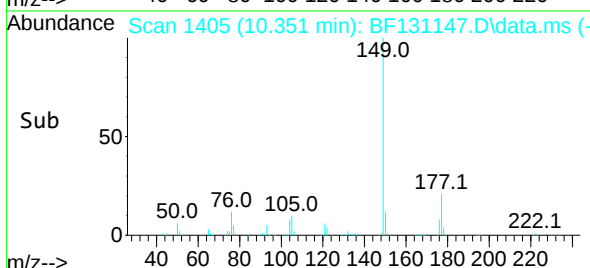
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

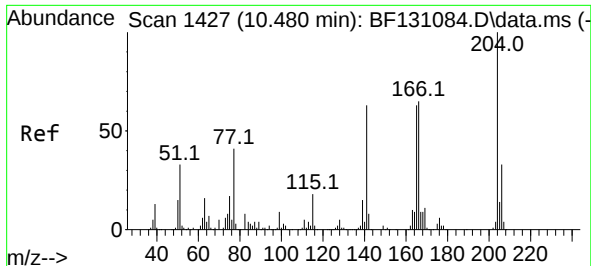


#60
Diethylphthalate
Concen: 43.901 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



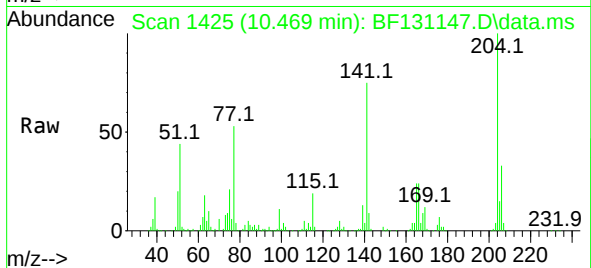
Tgt Ion:149 Resp: 340030
Ion Ratio Lower Upper
149 100
177 20.9 17.2 25.8
150 12.0 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.417 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.011 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

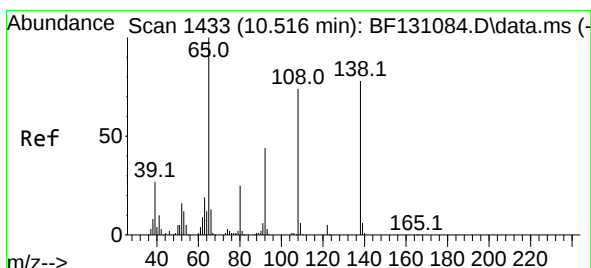
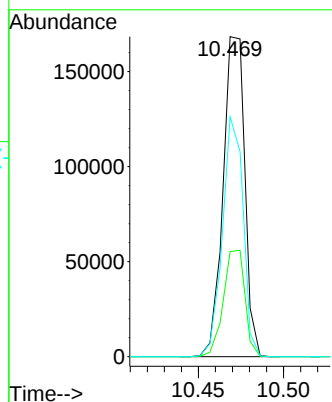
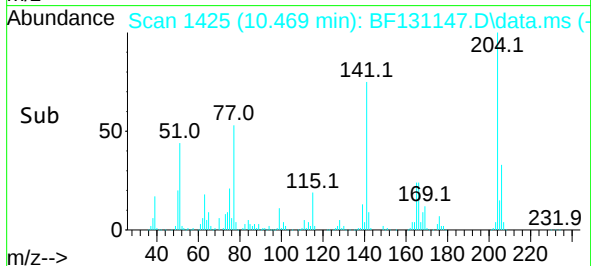
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 149897
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 74.9 50.6 75.8

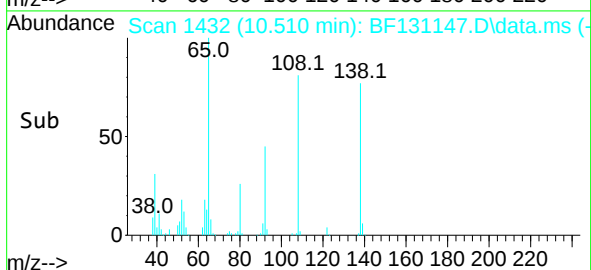
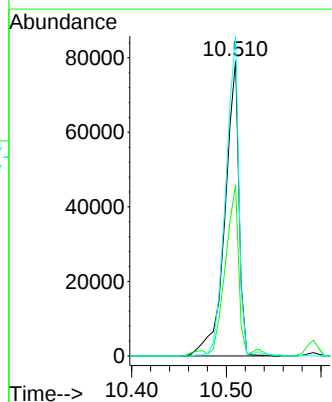
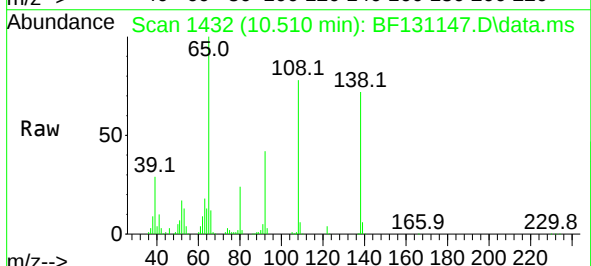
Manual Integrations
APPROVED

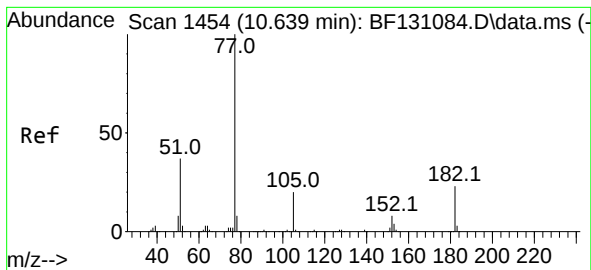
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#62
4-Nitroaniline
Concen: 39.764 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

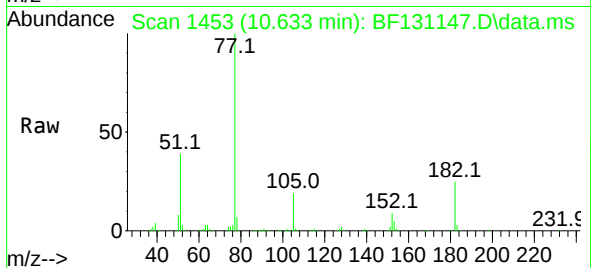
Tgt Ion:138 Resp: 81201
Ion Ratio Lower Upper
138 100
92 57.9 36.0 76.0
108 108.4 75.3 115.3





#63
Azobenzene
Concen: 42.594 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

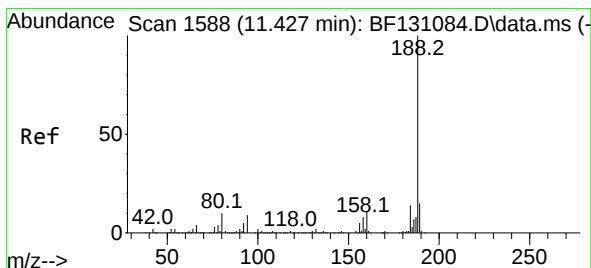
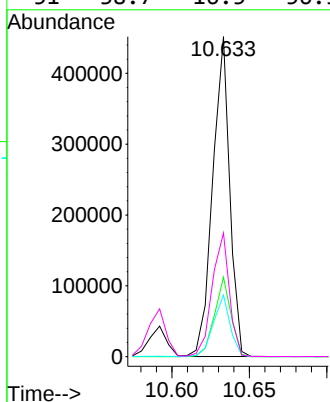
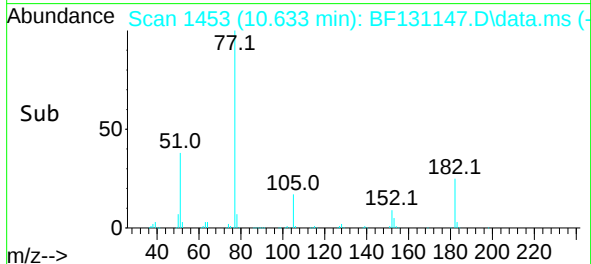
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



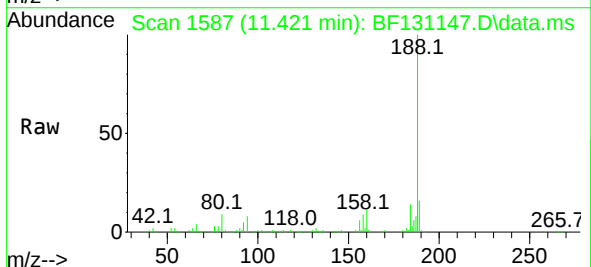
Tgt Ion: 77 Resp: 345314
Ion Ratio Lower Upper
77 100
182 24.8 3.3 43.3
105 19.3 0.0 39.5
51 38.7 16.5 56.5

Manual Integrations
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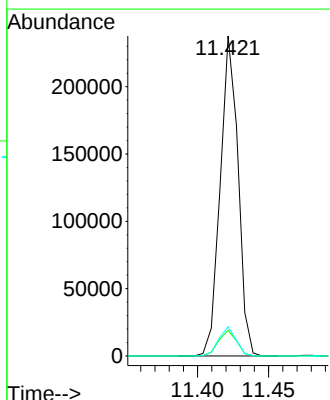
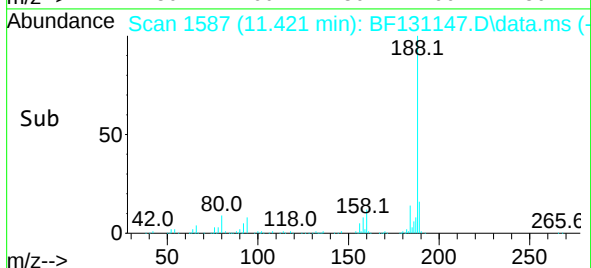
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

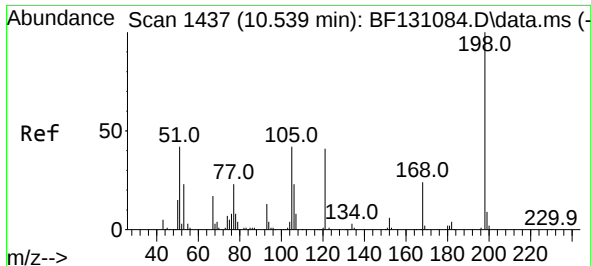


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



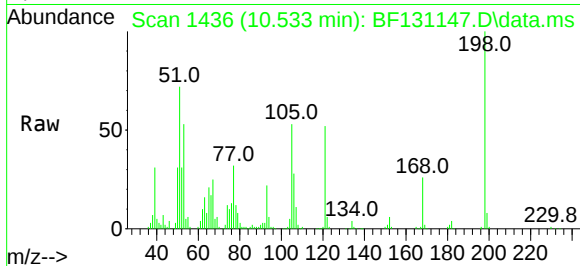
Tgt Ion:188 Resp: 207121
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.027 ng
RT: 10.533 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

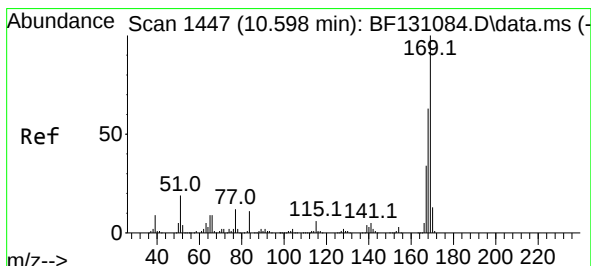
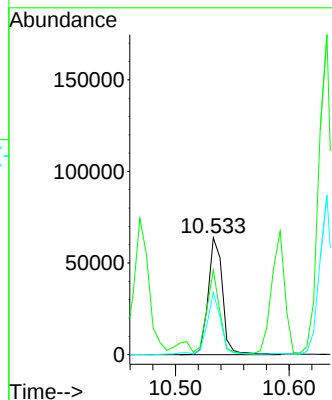
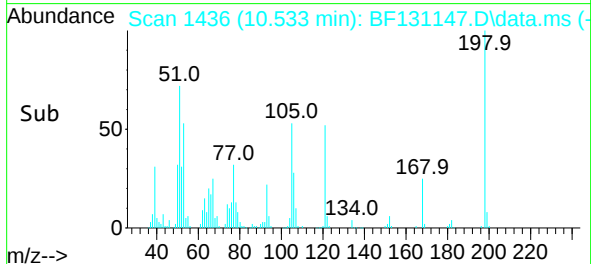
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



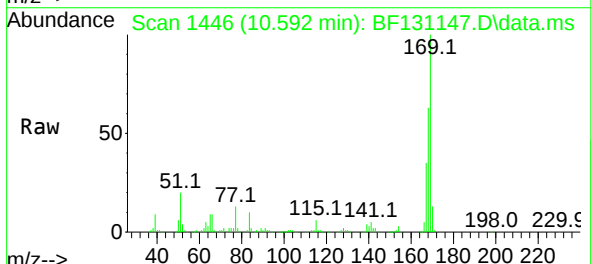
Tgt Ion:198 Resp: 55960
Ion Ratio Lower Upper
198 100
51 72.3 30.3 70.3
105 53.1 22.7 62.7

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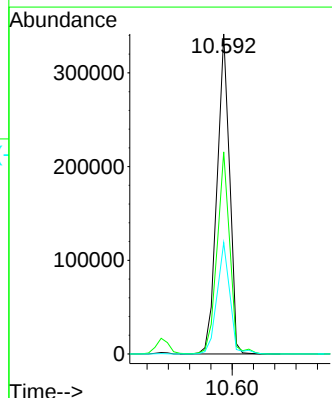
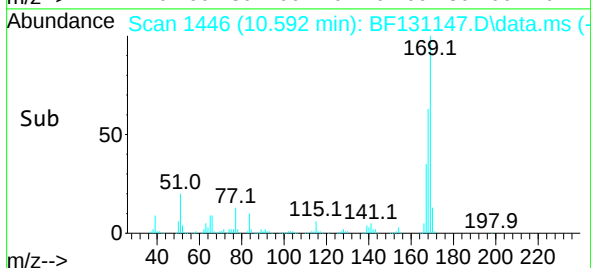
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

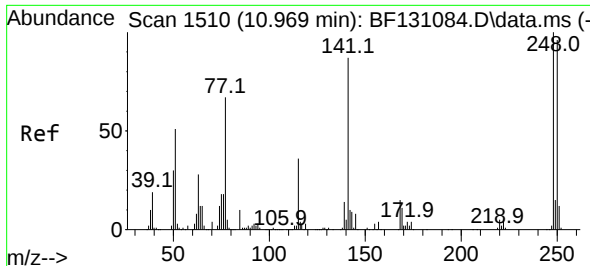


#66
n-Nitrosodiphenylamine
Concen: 40.183 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



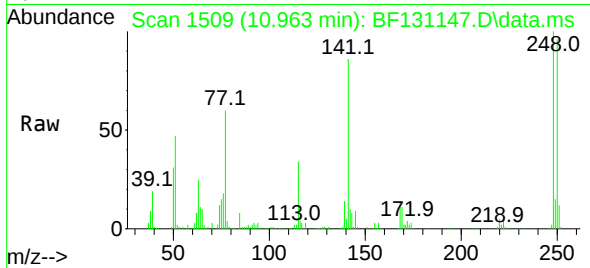
Tgt Ion:169 Resp: 279797
Ion Ratio Lower Upper
169 100
168 63.1 50.2 75.4
167 34.8 27.3 40.9





#67
4-Bromophenyl-phenylether
Concen: 40.103 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

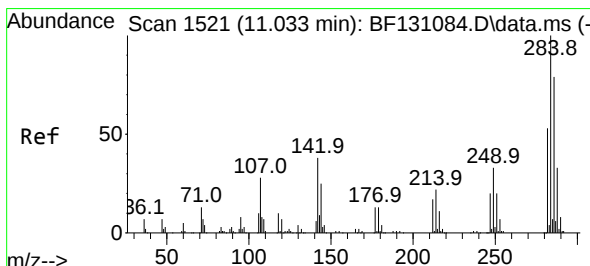
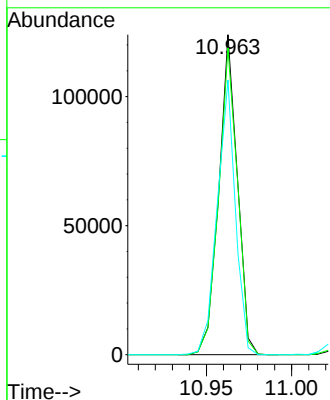
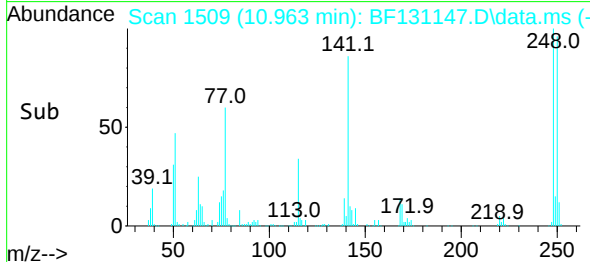
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



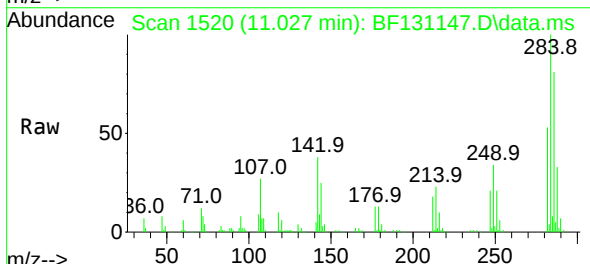
Tgt Ion:248 Resp: 93924
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.6
141 85.8 69.7 104.5

Manual Integrations
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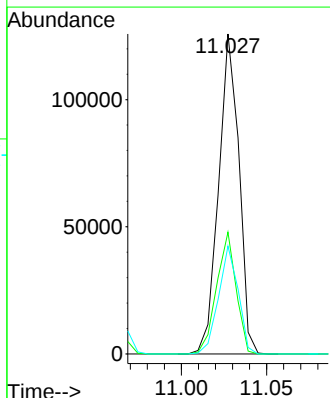
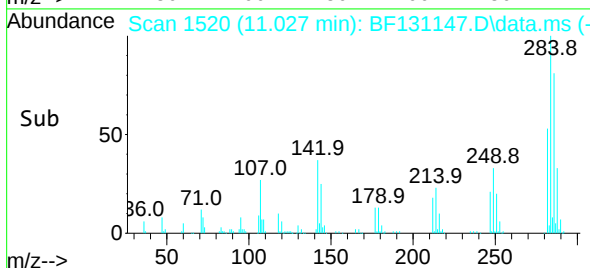
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

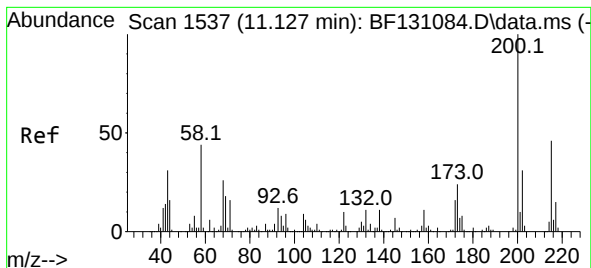


#68
Hexachlorobenzene
Concen: 39.905 ng
RT: 11.027 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion:284 Resp: 104157
Ion Ratio Lower Upper
284 100
142 38.0 30.7 46.1
249 33.7 26.2 39.2





#69

Atrazine

Concen: 41.127 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

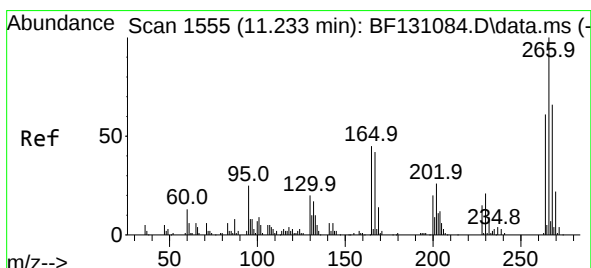
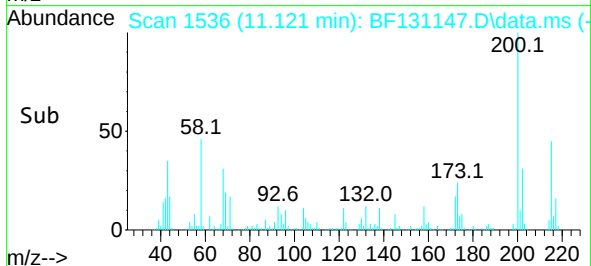
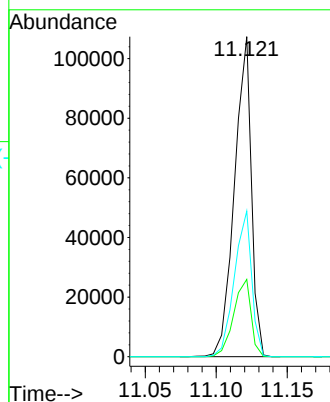
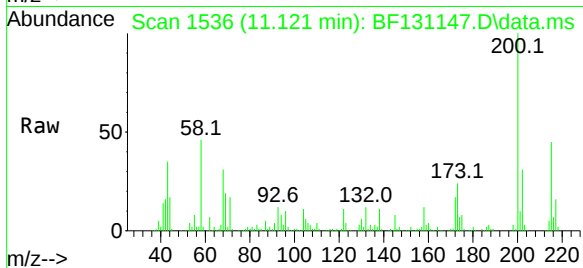
Tgt Ion:200 Resp: 88649
 Ion Ratio Lower Upper
 200 100
 173 24.1 4.0 44.0
 215 45.5 25.7 65.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#70

Pentachlorophenol

Concen: 32.754 ng m

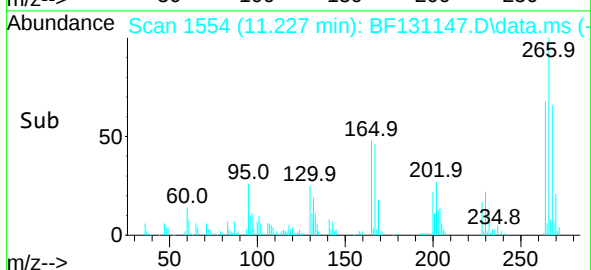
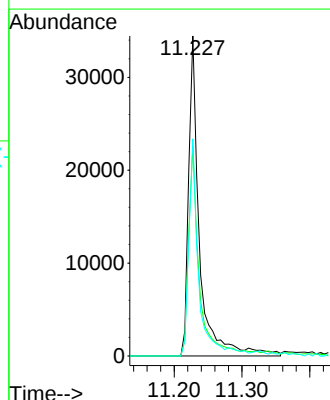
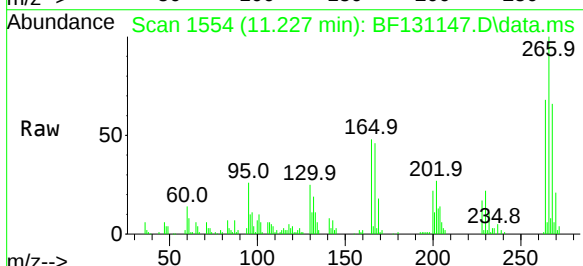
RT: 11.227 min Scan# 1554

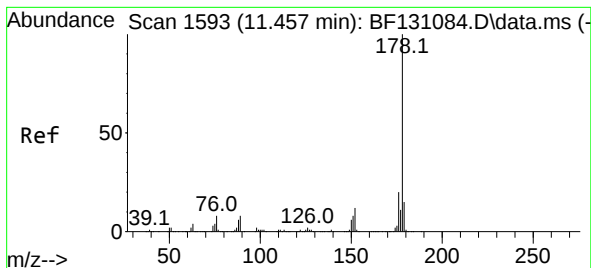
Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Tgt Ion:266 Resp: 38927
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.5 78.7
 264 67.8 48.6 72.8





#71

Phenanthrene

Concen: 40.623 ng

RT: 11.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 462750

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

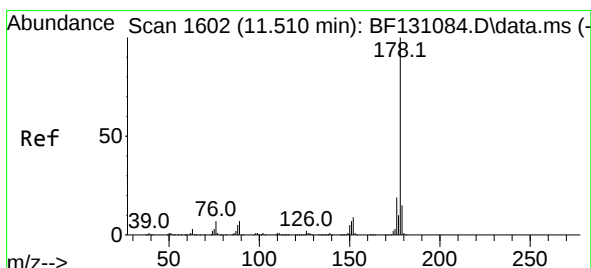
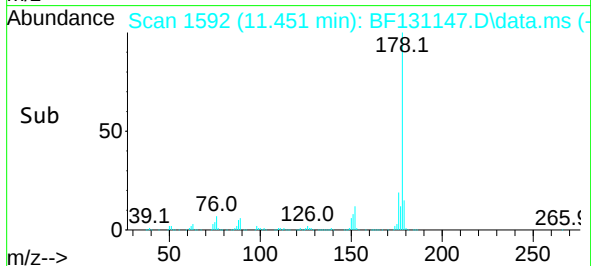
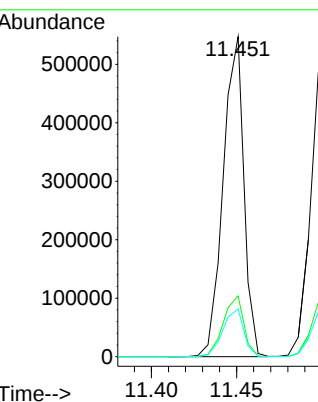
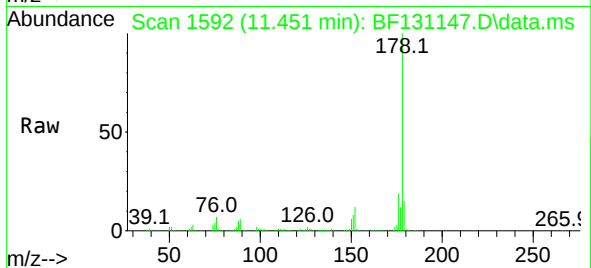
179 14.9 12.2 18.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#72

Anthracene

Concen: 40.487 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.012 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

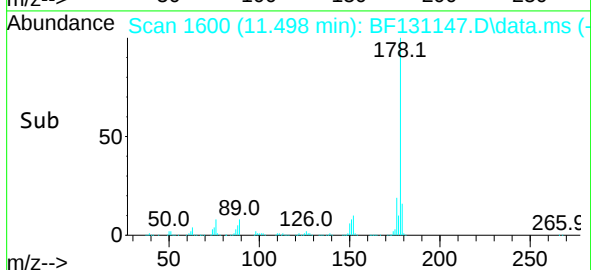
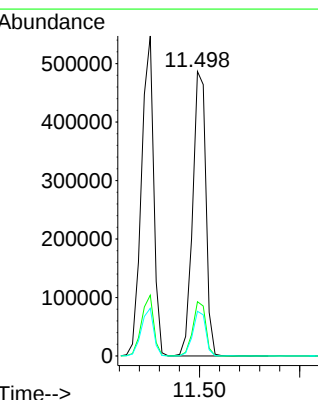
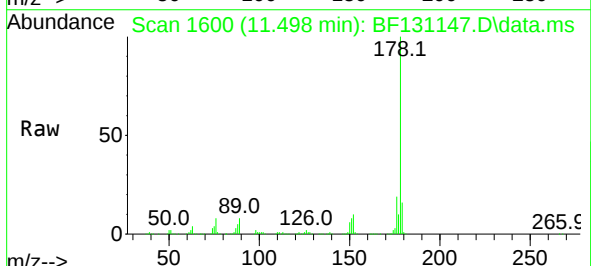
Tgt Ion:178 Resp: 447621

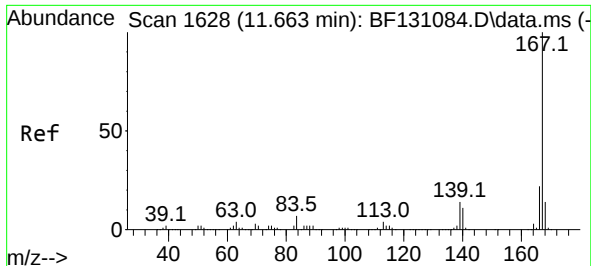
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

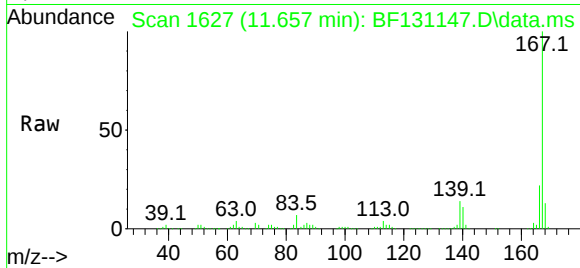
179 15.7 11.8 17.8





#73
Carbazole
Concen: 40.447 ng
RT: 11.657 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

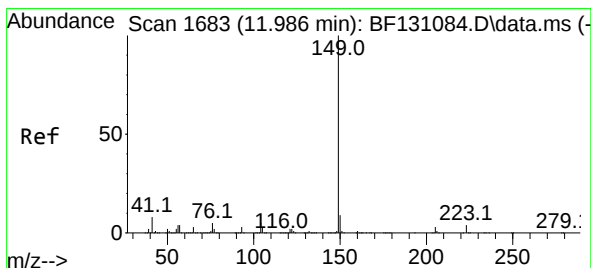
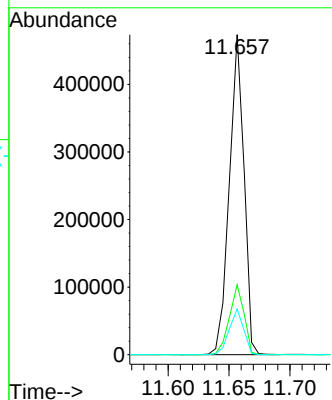
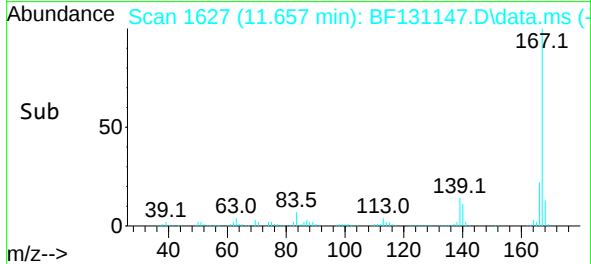
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



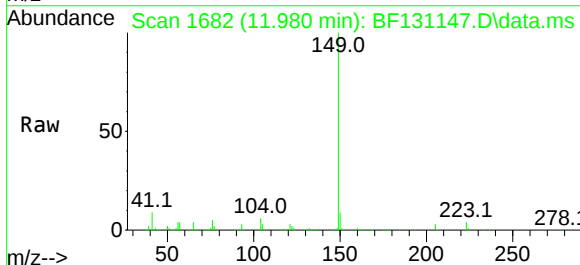
Tgt Ion:167 Resp: 397669
Ion Ratio Lower Upper
167 100
166 21.8 17.6 26.4
139 14.3 10.8 16.2

Manual Integrations
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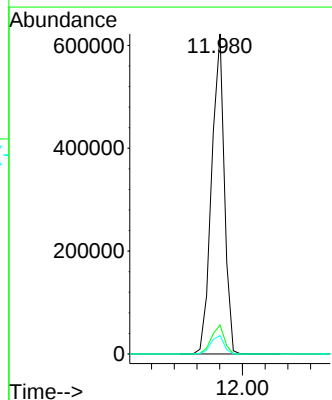
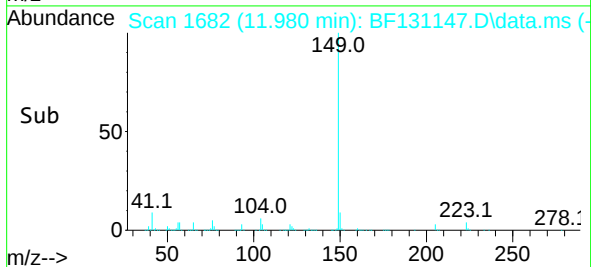
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

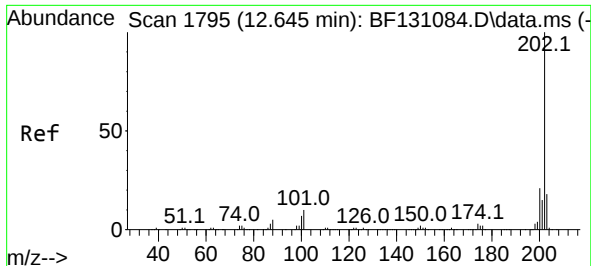


#74
Di-n-butylphthalate
Concen: 43.401 ng
RT: 11.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



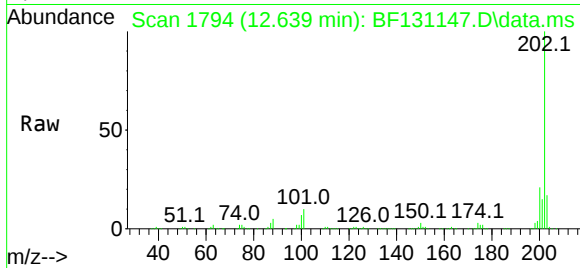
Tgt Ion:149 Resp: 481277
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.8 4.3 6.5





#75
Fluoranthene
Concen: 41.787 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

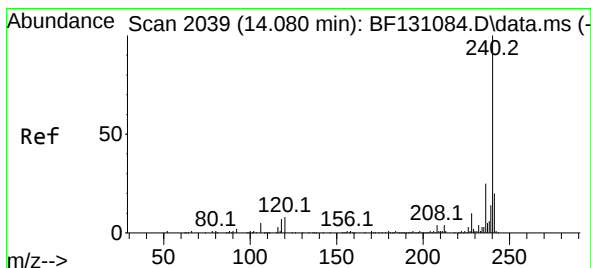
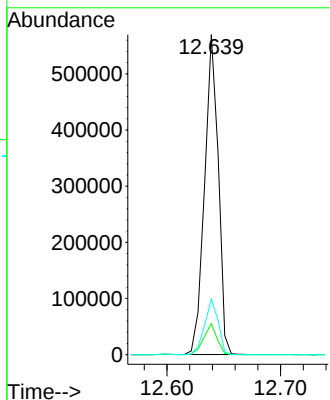
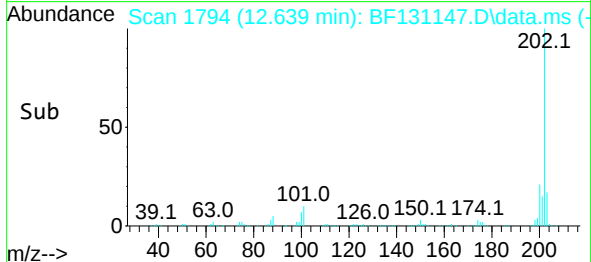
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



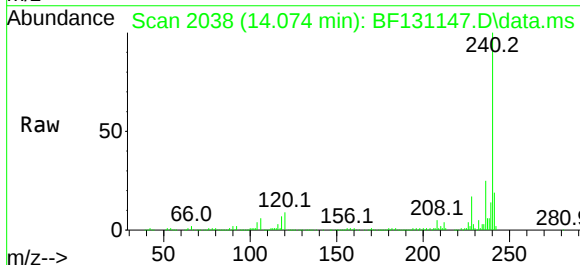
Tgt Ion:202 Resp: 47648
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.0
203 17.4 0.0 37.7

Manual Integrations
APPROVED

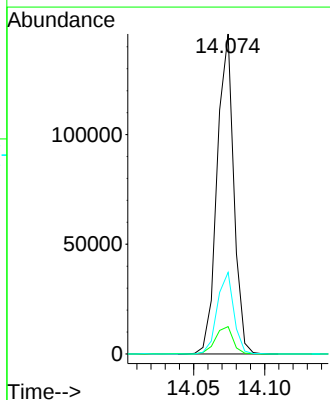
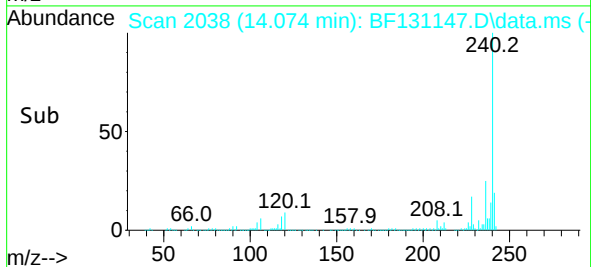
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

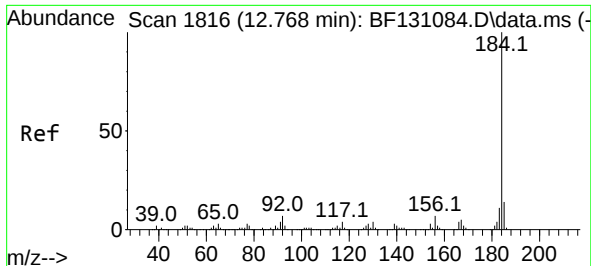


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



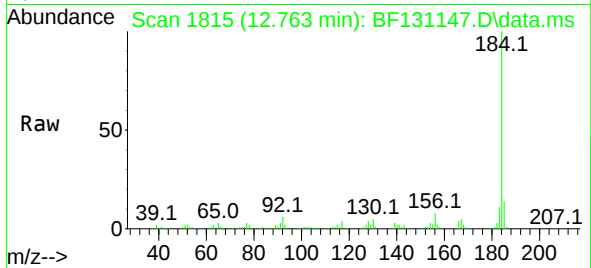
Tgt Ion:240 Resp: 118637
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.5 19.7 29.5





#77
Benzidine
Concen: 40.094 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

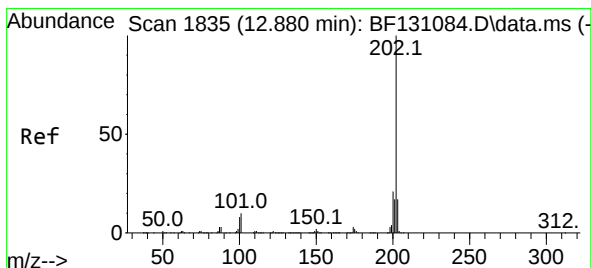
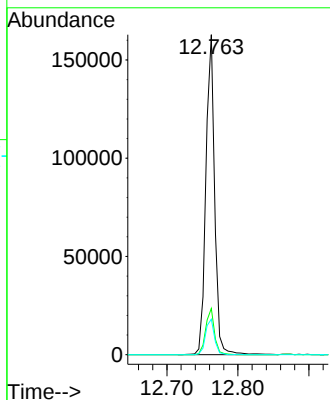
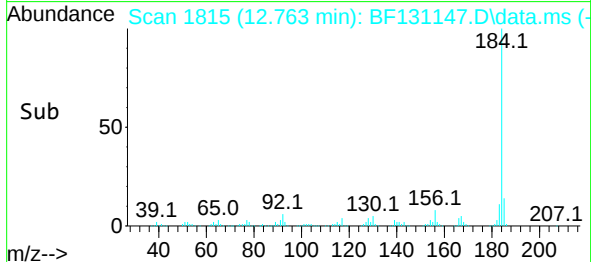
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 140328
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.1 9.0 13.4

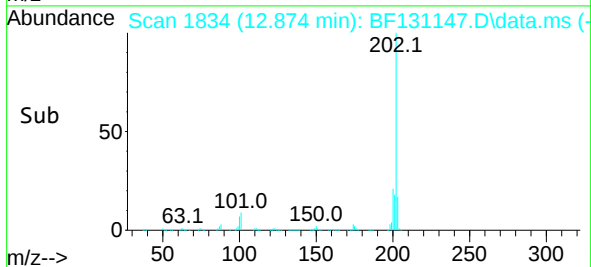
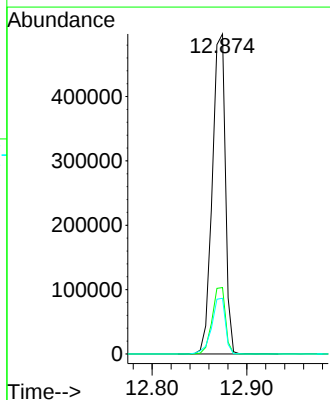
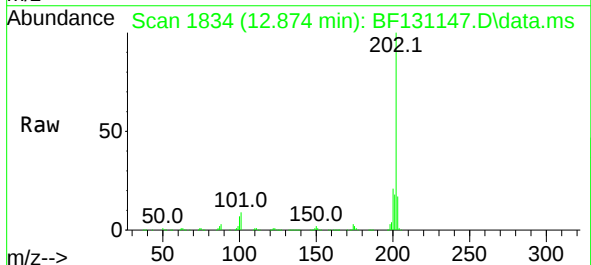
Manual Integrations
APPROVED

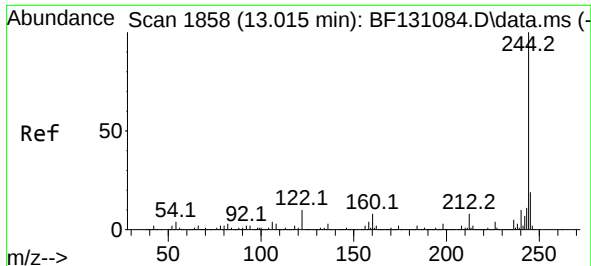
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#78
Pyrene
Concen: 46.671 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

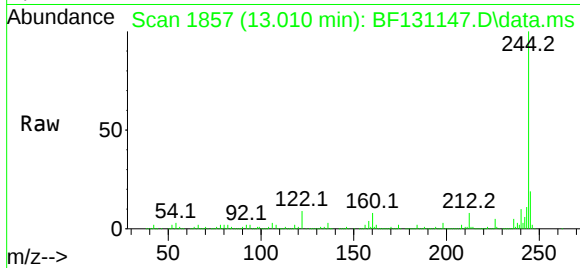
Tgt Ion:202 Resp: 475046
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.4 13.6 20.4





#79
Terphenyl-d14
Concen: 96.450 ng
RT: 13.010 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

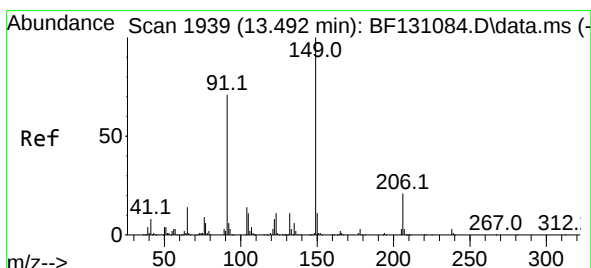
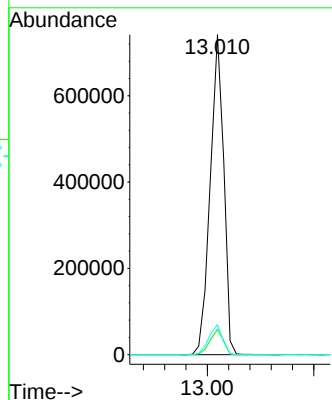
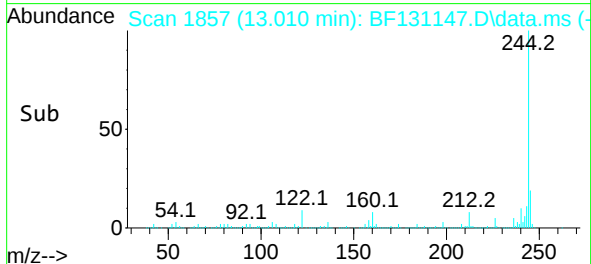
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



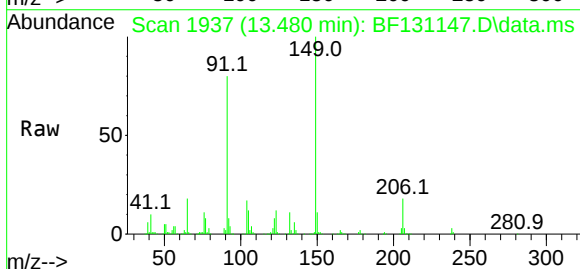
Tgt Ion:244 Resp: 652620
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.4 7.8 11.8

Manual Integrations
APPROVED

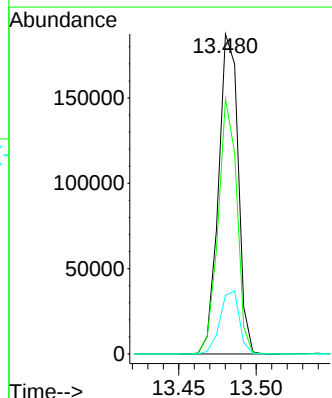
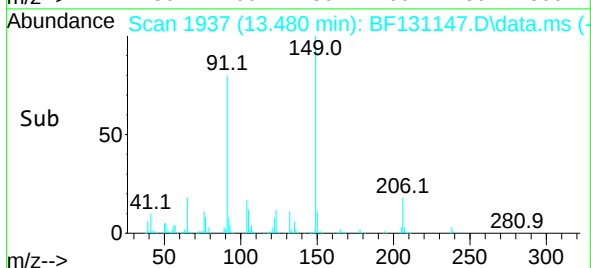
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

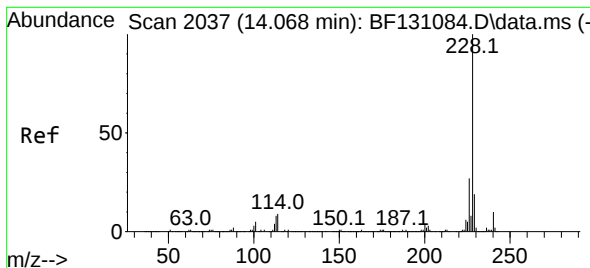


#80
Butylbenzylphthalate
Concen: 45.439 ng
RT: 13.480 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40



Tgt Ion:149 Resp: 165588
Ion Ratio Lower Upper
149 100
91 79.8 56.4 84.6
206 18.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.403 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 342610

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.6

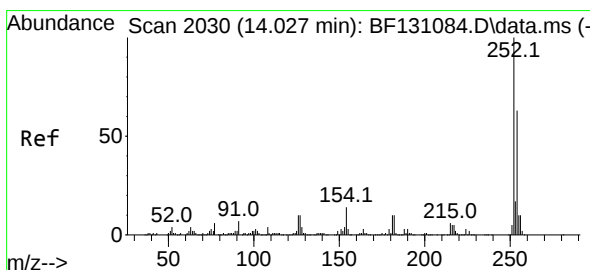
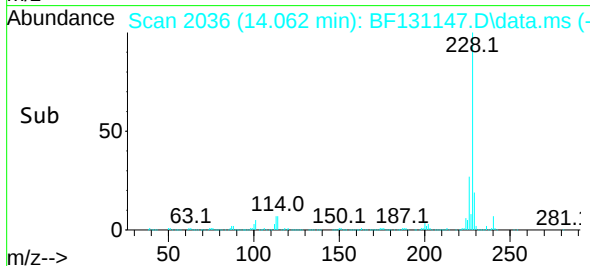
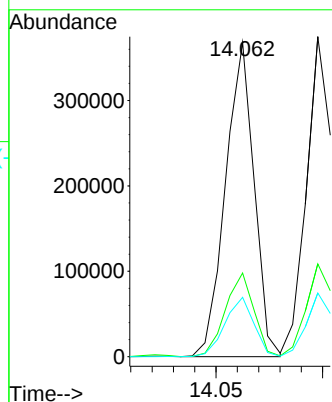
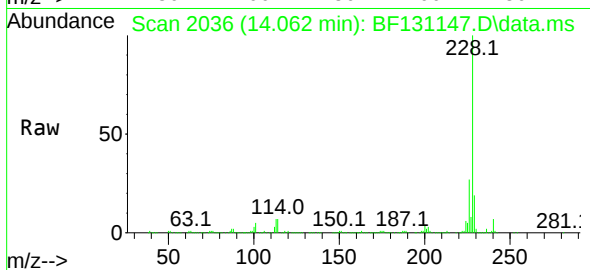
229 18.9 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#82

3,3'-Dichlorobenzidine

Concen: 40.155 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

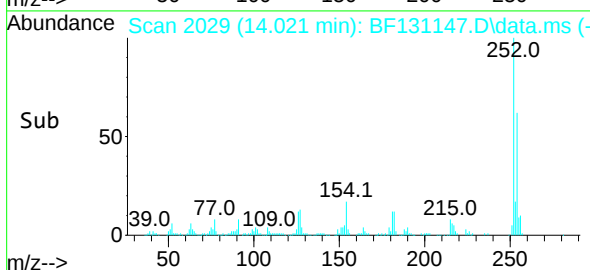
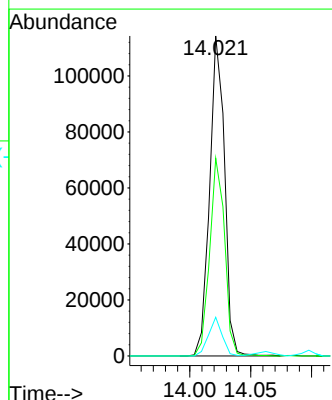
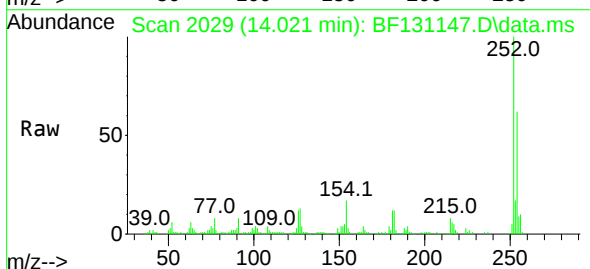
Tgt Ion:252 Resp: 97186

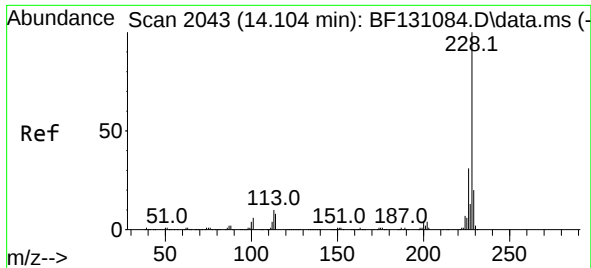
Ion Ratio Lower Upper

252 100

254 61.8 50.6 75.8

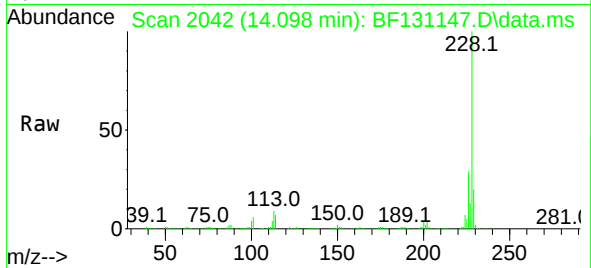
126 12.1 8.1 12.1





#83
Chrysene
Concen: 39.103 ng
RT: 14.098 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

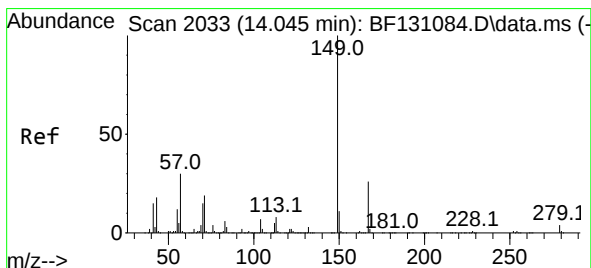
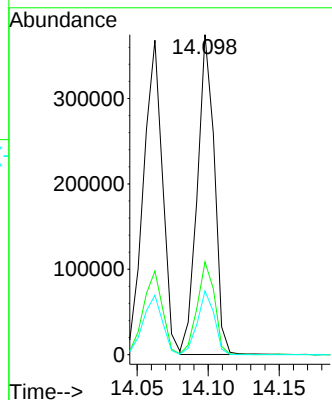
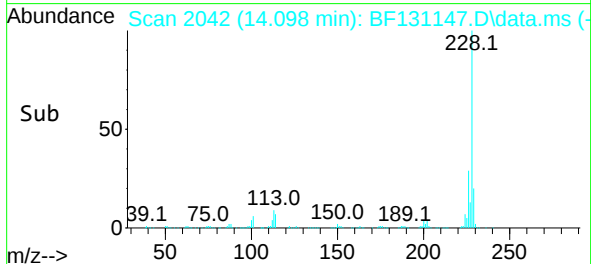
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 31315
Ion Ratio Lower Upper
228 100
226 29.0 24.4 36.6
229 19.9 15.8 23.6

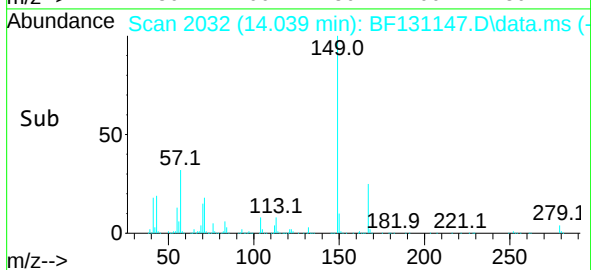
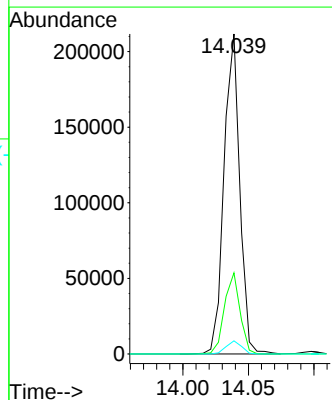
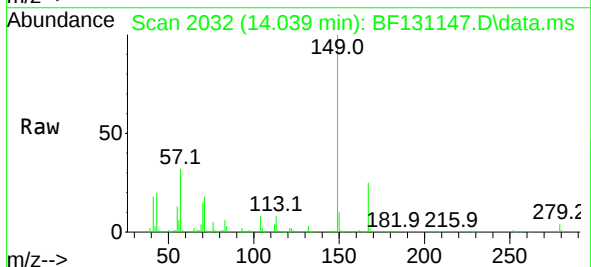
Manual Integrations
APPROVED

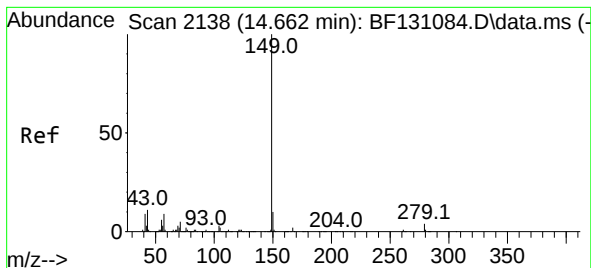
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.763 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Tgt Ion:149 Resp: 176091
Ion Ratio Lower Upper
149 100
167 25.4 20.8 31.2
279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 50.022 ng

RT: 14.657 min Scan# 2137

Delta R.T. -0.005 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 24954

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

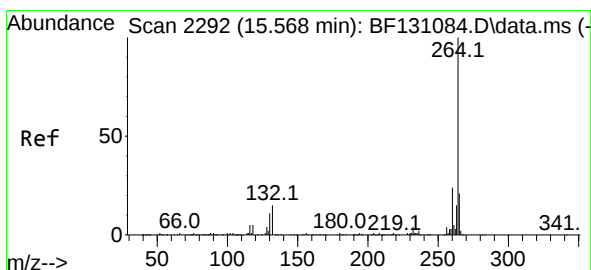
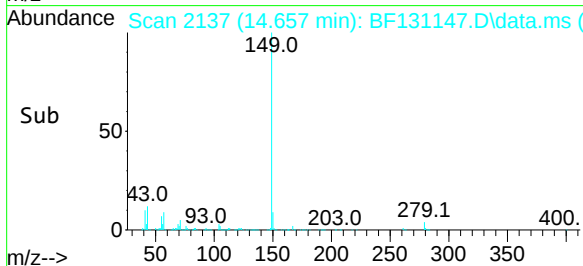
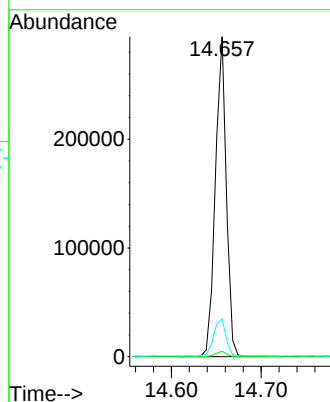
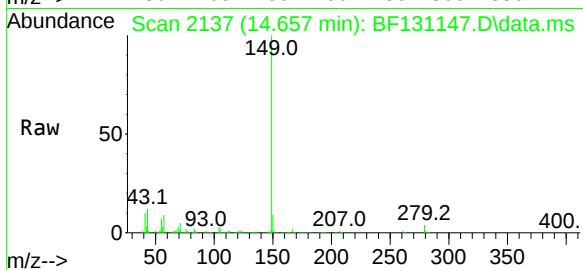
43 12.8 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

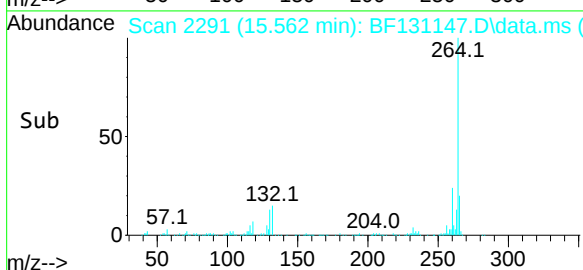
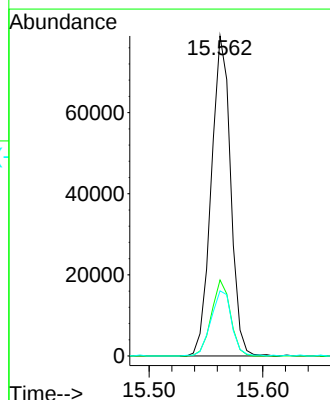
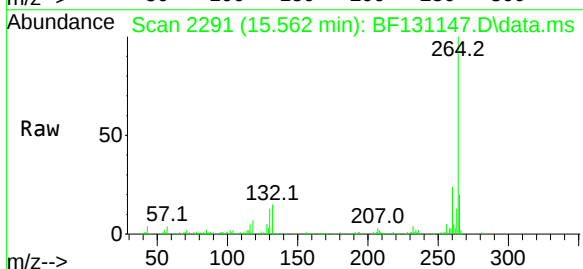
Tgt Ion:264 Resp: 93240

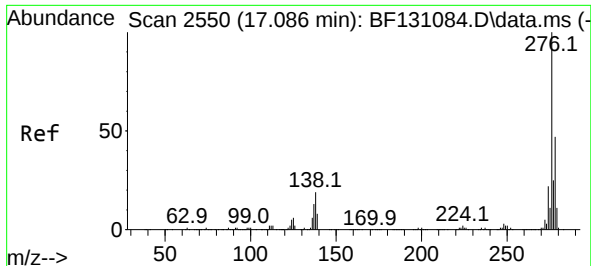
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 20.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.132 ng
RT: 17.086 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

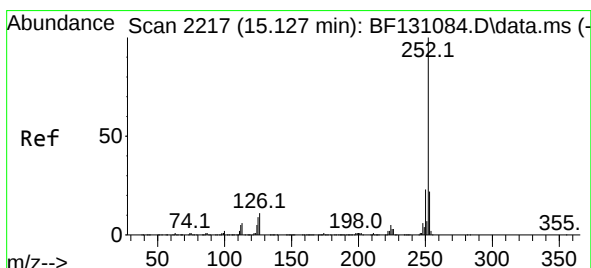
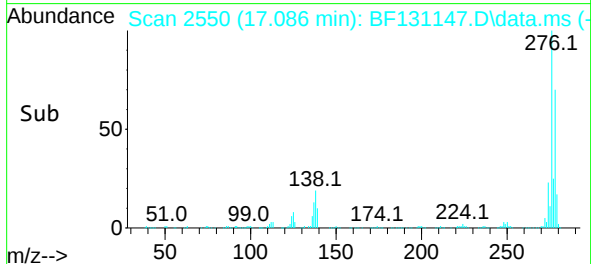
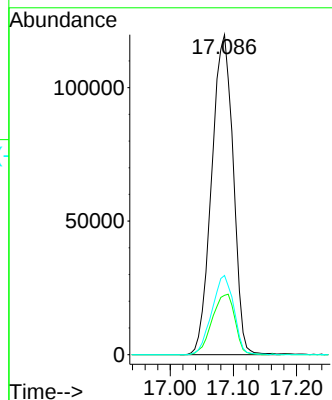
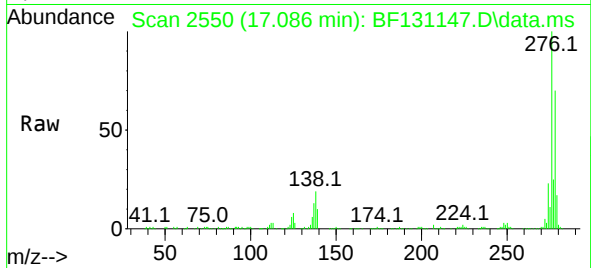
SSTDCCC040

Tgt Ion:276 Resp: 28432
Ion Ratio Lower Upper
276 100
138 20.0 16.9 25.3
277 25.2 20.3 30.5

Manual Integrations

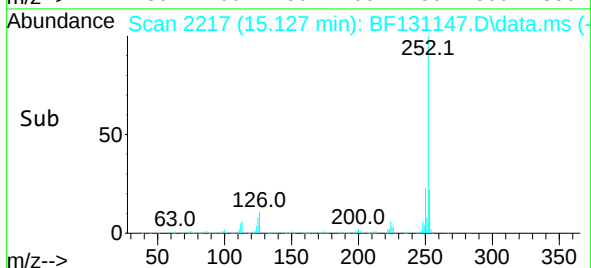
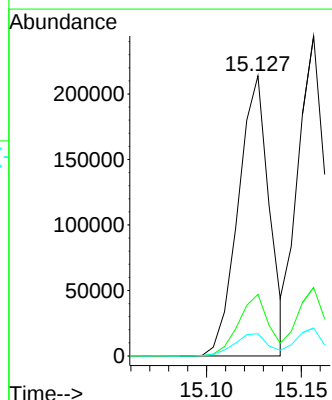
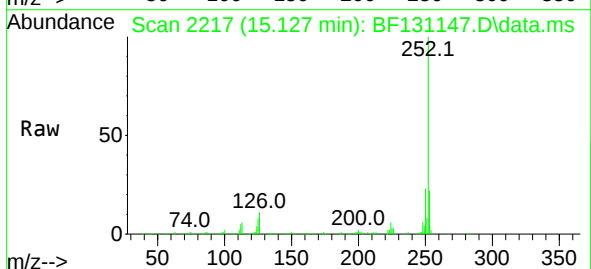
APPROVED

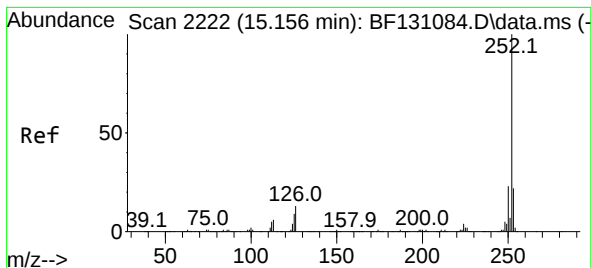
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#88
Benzo(b)fluoranthene
Concen: 36.997 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF131147.D
Acq: 11 Nov 2022 10:40

Tgt Ion:252 Resp: 243890
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.0 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 38.316 ng

RT: 15.156 min Scan# 2222

Delta R.T. 0.000 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

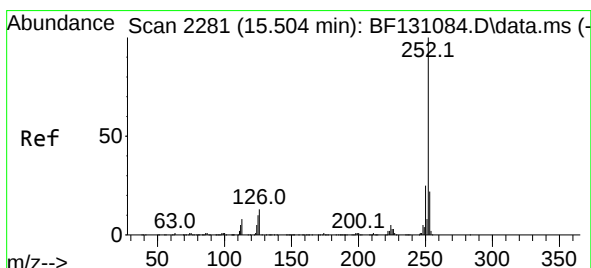
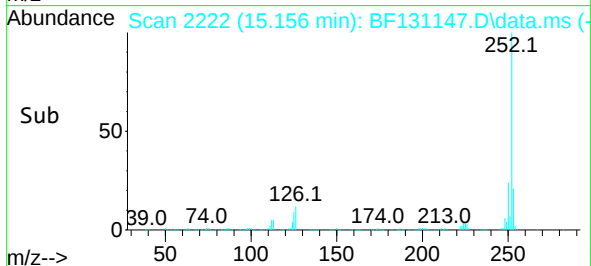
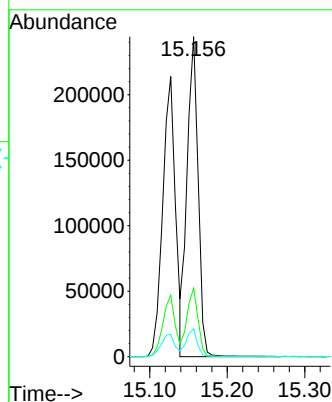
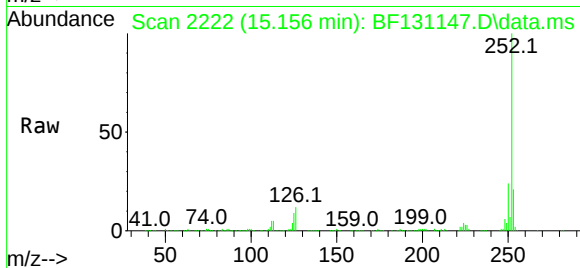
SSTDCCC040

Tgt Ion:252 Resp: 242772
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.6 26.4
 125 8.8 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022



#90

Benzo(a)pyrene

Concen: 38.506 ng

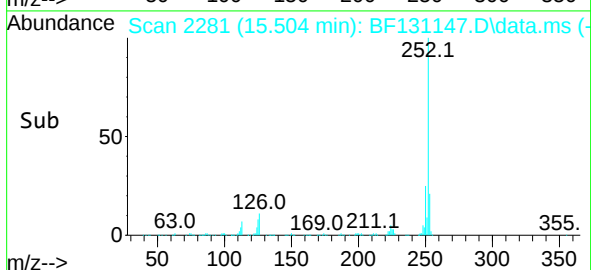
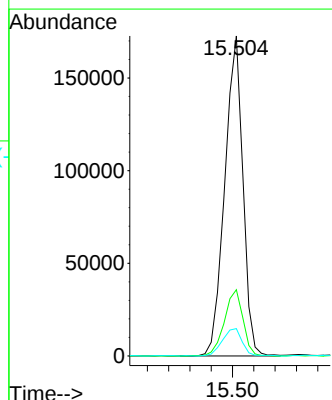
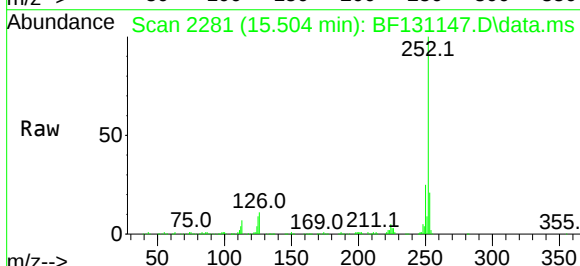
RT: 15.504 min Scan# 2281

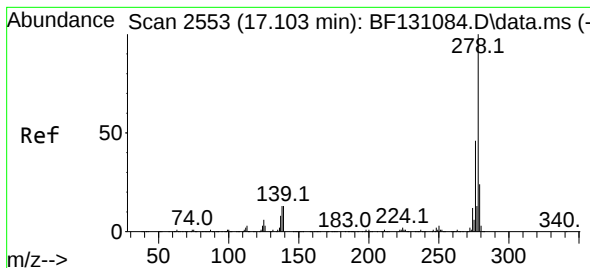
Delta R.T. -0.000 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Tgt Ion:252 Resp: 203503
 Ion Ratio Lower Upper
 252 100
 253 20.7 17.8 26.8
 125 8.6 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 38.724 ng

RT: 17.098 min Scan# 2553

Delta R.T. -0.005 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 23440

Ion Ratio Lower Upper

278 100

139 12.9 10.8 16.2

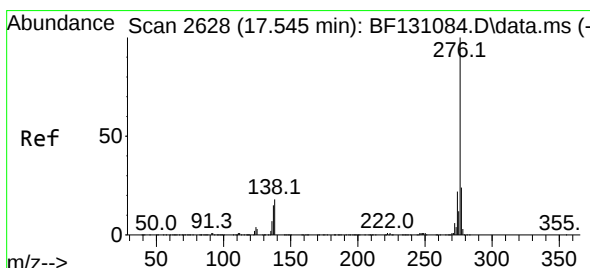
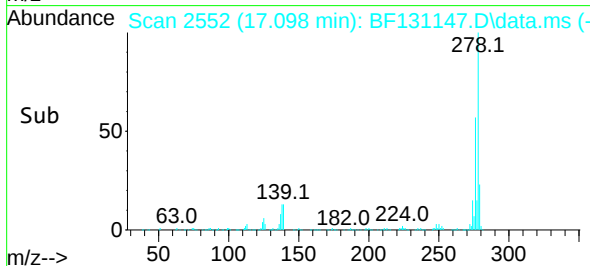
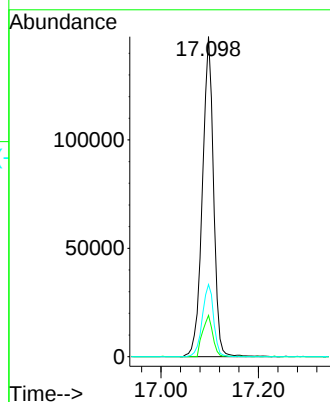
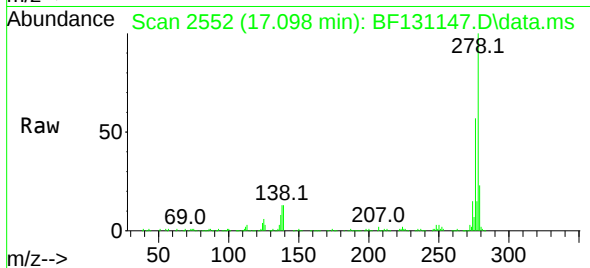
279 22.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#92

Benzo(g,h,i)perylene

Concen: 37.724 ng

RT: 17.545 min Scan# 2628

Delta R.T. -0.000 min

Lab File: BF131147.D

Acq: 11 Nov 2022 10:40

Tgt Ion:276 Resp: 240619

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 16.4 14.6 21.8

