

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131347.D
 Acq On : 23 Nov 2022 00:25
 Operator : CG\JU
 Sample : N5740-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-12MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 04:21:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	96501	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	336777	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	176131	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	269412	20.000	ng	0.00
76) Chrysene-d12	14.174	240	178610	20.000	ng	0.00
86) Perylene-d12	15.709	264	197393	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	613347	120.966	ng	0.01
7) Phenol-d6	6.587	99	761260	117.673	ng	0.00
23) Nitrobenzene-d5	7.534	82	493114	73.809	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	188057	126.911	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	853862	70.528	ng	0.00
79) Terphenyl-d14	13.110	244	650789	59.583	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.846	88	101901	42.155	ng	98
3) Pyridine	3.598	79	265631	39.575	ng	98
4) n-Nitrosodimethylamine	3.569	42	176888	44.688	ng	98
6) Aniline	6.628	93	183642m	21.660	ng	
8) 2-Chlorophenol	6.745	128	281810	49.058	ng	98
9) Benzaldehyde	6.516	77	159958	40.306	ng	98
10) Phenol	6.598	94	337029	46.988	ng	97
11) bis(2-Chloroethyl)ether	6.698	93	270729	45.050	ng	99
12) 1,3-Dichlorobenzene	6.904	146	308281	45.029	ng	97
13) 1,4-Dichlorobenzene	6.981	146	308272	44.314	ng	98
14) 1,2-Dichlorobenzene	7.134	146	296075	46.223	ng	98
15) Benzyl Alcohol	7.104	79	255477	48.163	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	494150	42.996	ng	98
17) 2-Methylphenol	7.210	107	224748	45.905	ng	99
18) Hexachloroethane	7.481	117	115964	46.599	ng	95
19) n-Nitroso-di-n-propyla...	7.381	70	206634	43.632	ng	96
20) 3+4-Methylphenols	7.363	107	286627	45.851	ng	94
22) Acetophenone	7.381	105	393276	45.877	ng	# 96
24) Nitrobenzene	7.551	77	313549	45.045	ng	100
25) Isophorone	7.792	82	562892	47.225	ng	97
26) 2-Nitrophenol	7.869	139	134932	57.859	ng	93
27) 2,4-Dimethylphenol	7.898	122	250818	54.280	ng	99
28) bis(2-Chloroethoxy)met...	8.004	93	330528	48.823	ng	99
29) 2,4-Dichlorophenol	8.110	162	236018	47.089	ng	96
30) 1,2,4-Trichlorobenzene	8.192	180	271226	43.682	ng	99
31) Naphthalene	8.281	128	781880	43.567	ng	99
32) Benzoic acid	7.998	122	113366	41.593	ng	87
33) 4-Chloroaniline	8.322	127	42176	5.957	ng	95
34) Hexachlorobutadiene	8.392	225	175700	43.700	ng	99
35) Caprolactam	8.698	113	67526m	51.269	ng	
36) 4-Chloro-3-methylphenol	8.798	107	253636	48.708	ng	93
37) 2-Methylnaphthalene	8.969	142	520210	42.781	ng	98
38) 1-Methylnaphthalene	9.075	142	484360	41.077	ng	100
40) 1,2,4,5-Tetrachloroben...	9.133	216	270092	47.255	ng	99
41) Hexachlorocyclopentadiene	9.122	237	275928	107.388	ng	98
43) 2,4,6-Trichlorophenol	9.245	196	173254	53.433	ng	98

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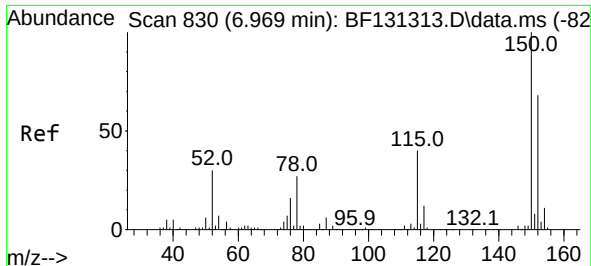
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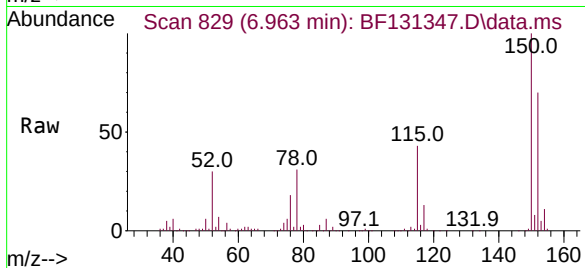
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.280	196	182758	50.125	ng	96
46) 1,1'-Biphenyl	9.439	154	636793	47.377	ng	99
47) 2-Chloronaphthalene	9.463	162	497698	46.159	ng	99
48) 2-Nitroaniline	9.557	65	166232	50.777	ng	99
49) Acenaphthylene	9.880	152	745501	45.357	ng	100
50) Dimethylphthalate	9.739	163	570890	46.521	ng	98
51) 2,6-Dinitrotoluene	9.798	165	123899	50.485	ng	94
52) Acenaphthene	10.057	154	485446	47.166	ng	99
53) 3-Nitroaniline	9.969	138	54293	21.530	ng	97
54) 2,4-Dinitrophenol	10.075	184	72785	69.266	ng	# 84
55) Dibenzofuran	10.227	168	653250	44.117	ng	100
56) 4-Nitrophenol	10.122	139	165051	94.305	ng	98
57) 2,4-Dinitrotoluene	10.204	165	153554	49.728	ng	100
58) Fluorene	10.574	166	497932	43.088	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	140819	46.376	ng	100
60) Diethylphthalate	10.439	149	534312	46.112	ng	99
61) 4-Chlorophenyl-phenyle...	10.563	204	263478	44.476	ng	98
62) 4-Nitroaniline	10.586	138	99964	39.830	ng	96
63) Azobenzene	10.722	77	531572	42.665	ng	98
65) 4,6-Dinitro-2-methylph...	10.610	198	53675	46.791	ng	86
66) n-Nitrosodiphenylamine	10.680	169	434748	50.642	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	162335	49.163	ng	99
68) Hexachlorobenzene	11.116	284	169914	48.484	ng	99
69) Atrazine	11.210	200	147540	55.820	ng	99
70) Pentachlorophenol	11.310	266	164729	80.839	ng	99
71) Phenanthrene	11.539	178	650261	44.661	ng	99
72) Anthracene	11.592	178	655217	45.791	ng	99
73) Carbazole	11.745	167	540244	44.262	ng	99
74) Di-n-butylphthalate	12.074	149	700081	48.675	ng	99
75) Fluoranthene	12.733	202	605232	39.449	ng	99
77) Benzidine	12.857	184	211512	64.111	ng	97
78) Pyrene	12.968	202	599348	38.033	ng	100
80) Butylbenzylphthalate	13.586	149	230720	43.905	ng	97
81) Benzo(a)anthracene	14.162	228	562971	45.984	ng	98
82) 3,3'-Dichlorobenzidine	14.121	252	98603	30.351	ng	99
83) Chrysene	14.198	228	532922	44.368	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	316693	45.245	ng	100
85) Di-n-octyl phthalate	14.774	149	565705	54.388	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	527497	39.788	ng	99
88) Benzo(b)fluoranthene	15.257	252	596563	45.493	ng	100
89) Benzo(k)fluoranthene	15.286	252	603582	44.790	ng	98
90) Benzo(a)pyrene	15.651	252	528146	49.085	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	450283	41.138	ng	98
92) Benzo(g,h,i)perylene	17.768	276	404090	36.989	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

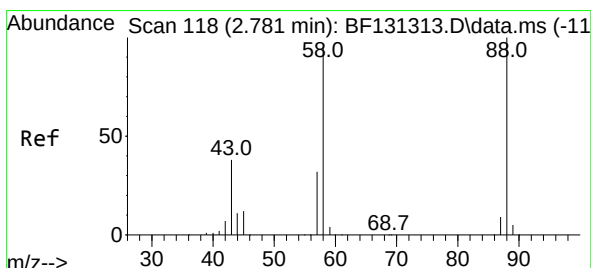
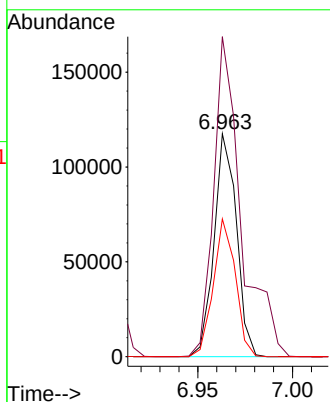
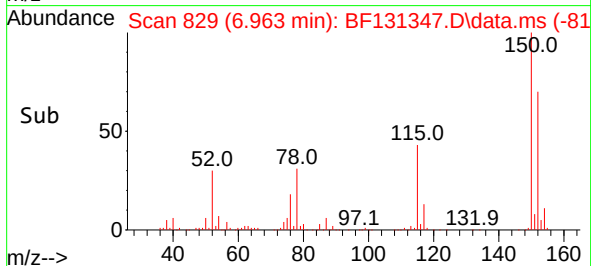
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:152 Resp: 96501
Ion Ratio Lower Upper
152 100
150 143.7 117.8 176.8
115 61.8 47.1 70.7

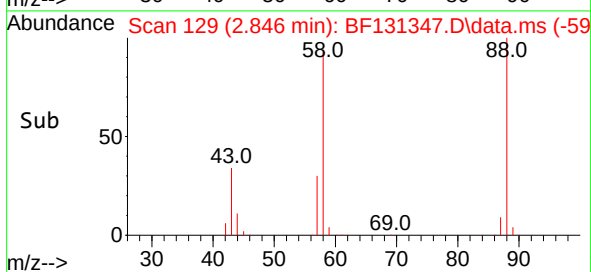
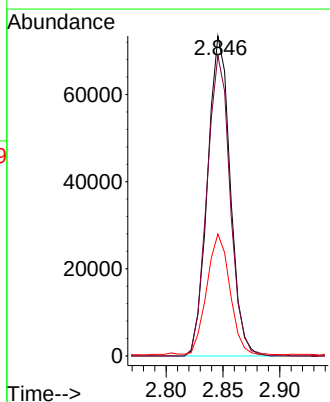
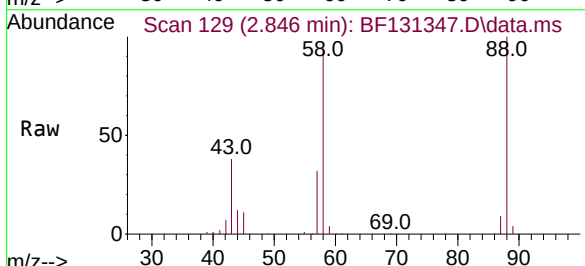
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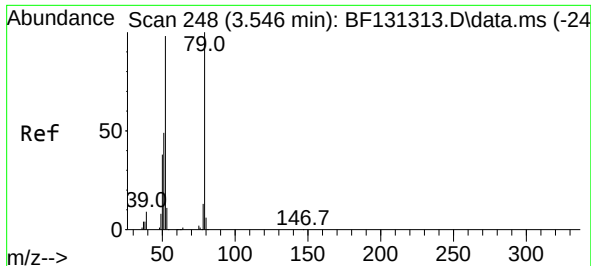
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#2
1,4-Dioxane
Concen: 42.155 ng
RT: 2.846 min Scan# 129
Delta R.T. 0.065 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Tgt Ion: 88 Resp: 101901
Ion Ratio Lower Upper
88 100
58 95.6 78.2 117.4
43 38.5 31.6 47.4





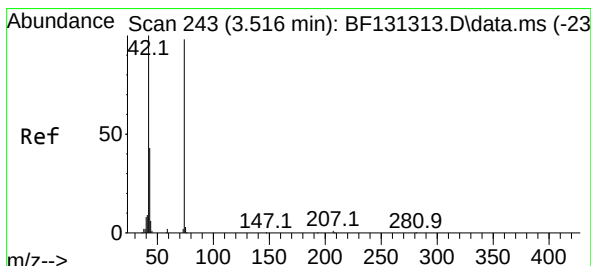
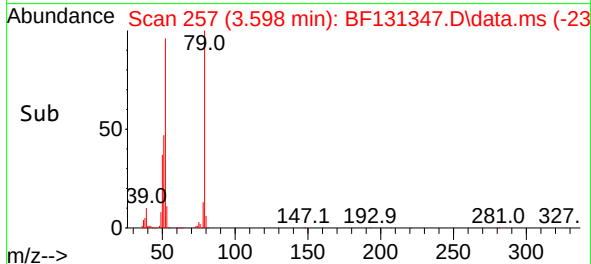
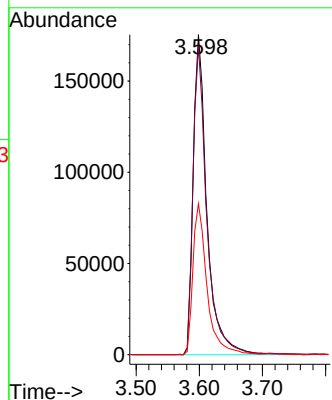
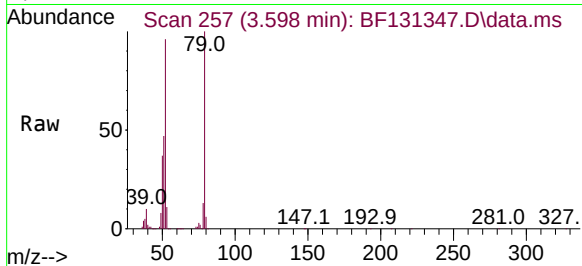
#3
Pyridine
Concen: 39.575 ng
RT: 3.598 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion: 79 Resp: 26563
Ion Ratio Lower Upper
79 100
52 96.4 78.7 118.1
51 47.2 39.3 58.9

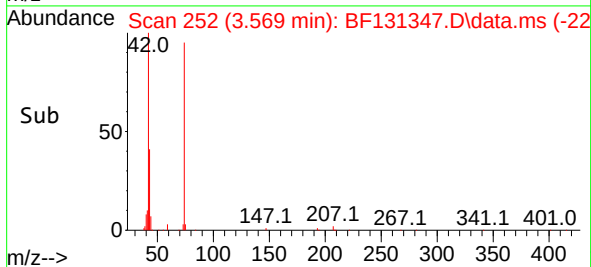
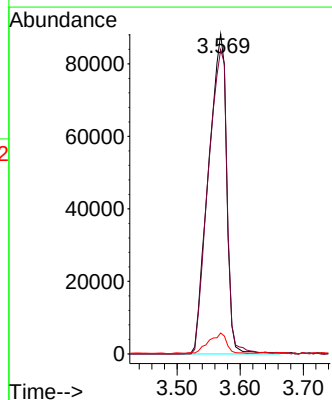
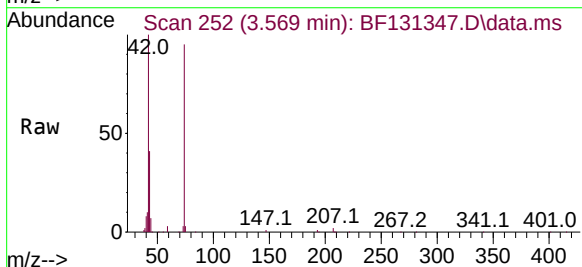
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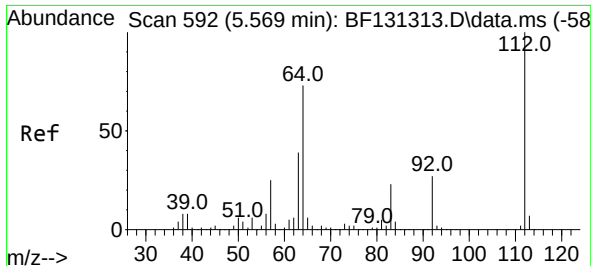
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#4
n-Nitrosodimethylamine
Concen: 44.688 ng
RT: 3.569 min Scan# 252
Delta R.T. 0.053 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Tgt Ion: 42 Resp: 176888
Ion Ratio Lower Upper
42 100
74 95.1 78.0 117.0
44 6.5 5.2 7.8





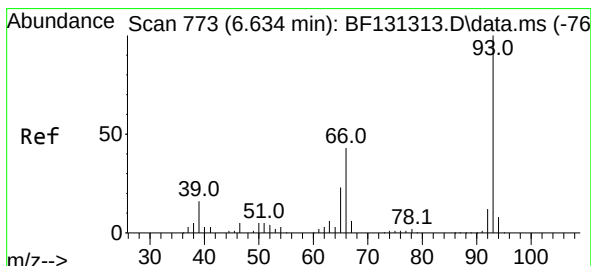
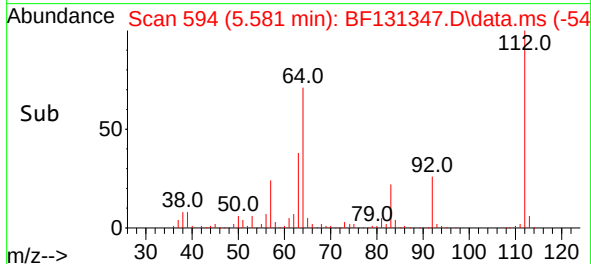
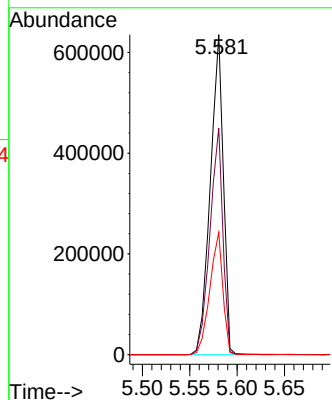
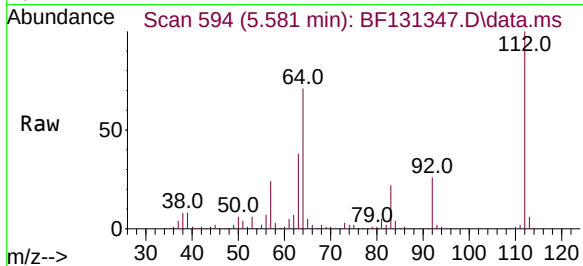
#5
2-Fluorophenol
Concen: 120.966 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion:112 Resp: 61334
Ion Ratio Lower Upper
112 100
64 70.8 58.6 88.0
63 38.2 31.4 47.0

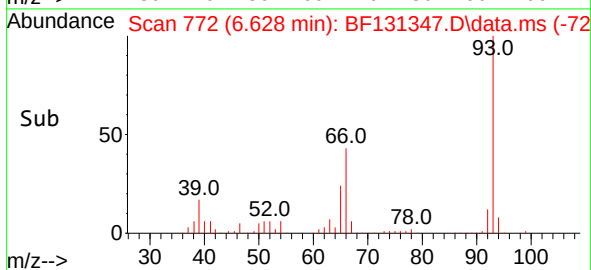
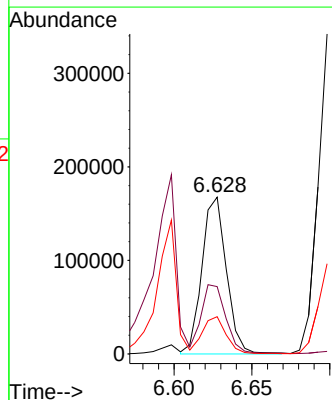
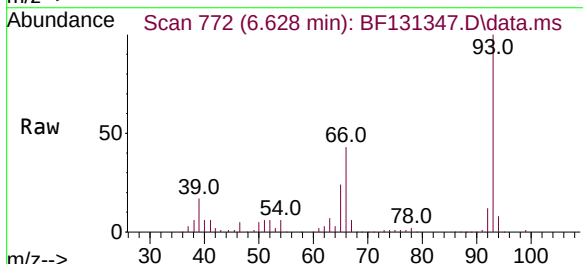
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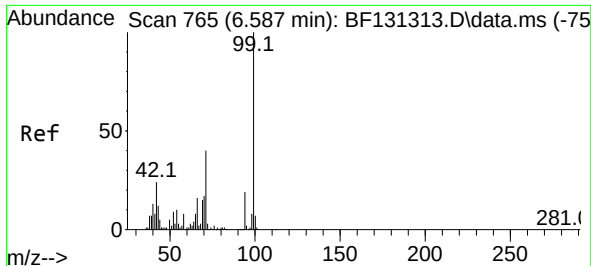
Reviewed By :Christian Giraldo 11/23/2022
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#6
Aniline
Concen: 21.660 ng m
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

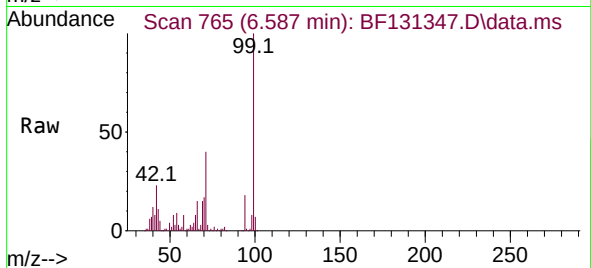
Tgt Ion: 93 Resp: 183642
Ion Ratio Lower Upper
93 100
66 42.9 35.6 53.4
65 23.7 18.4 27.6





#7
Phenol-d6
Concen: 117.673 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

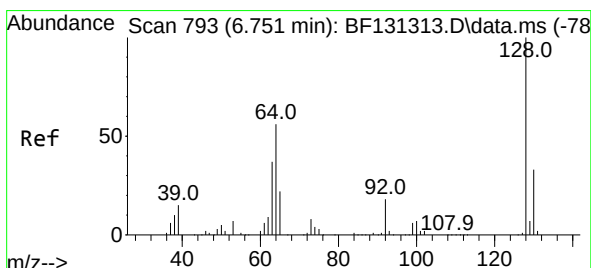
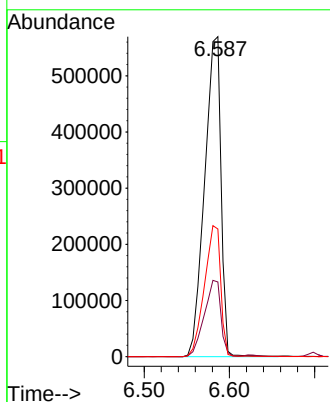
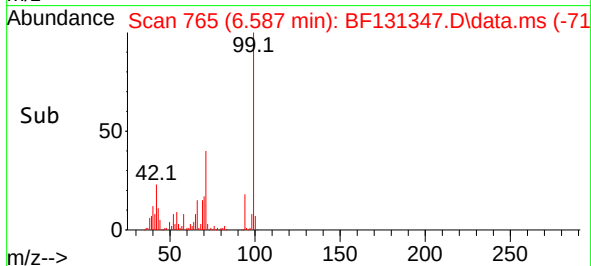
Instrument :
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ClientSampleId :
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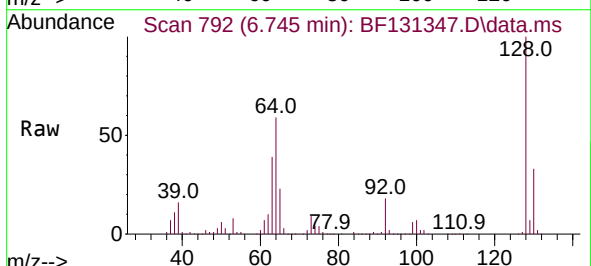
Tgt Ion: 99 Resp: 761260
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.2
71 39.9 32.3 48.5

Manual Integrations
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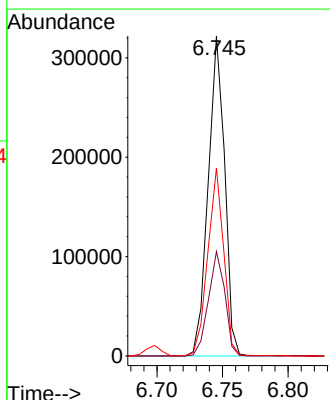
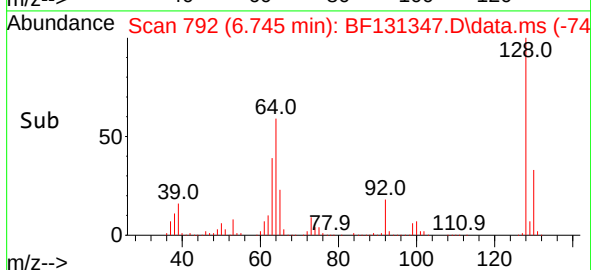
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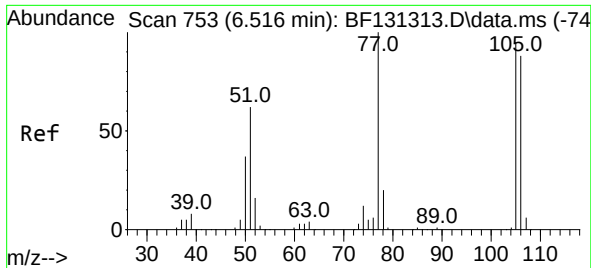


#8
2-Chlorophenol
Concen: 49.058 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



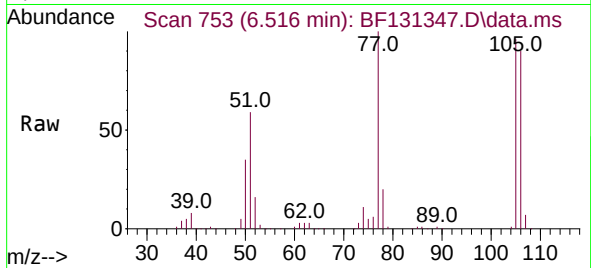
Tgt Ion:128 Resp: 281810
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 58.7 36.9 76.9





#9
Benzaldehyde
Concen: 40.306 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

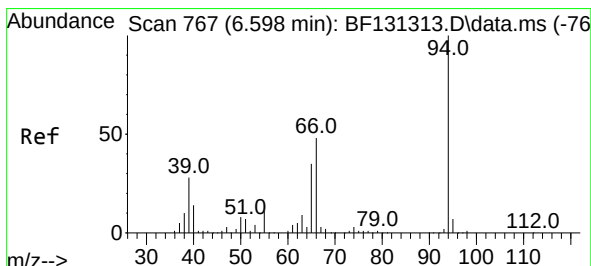
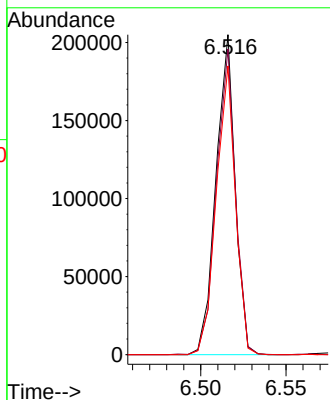
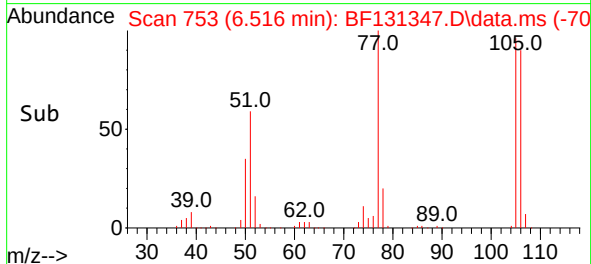
Instrument :
BNA_F
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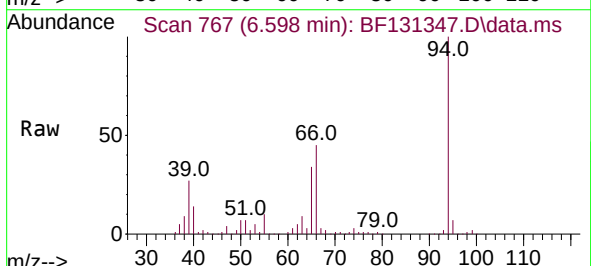
Tgt Ion: 77 Resp: 159958
Ion Ratio Lower Upper
77 100
105 95.5 74.5 114.5
106 90.2 68.1 108.1

Manual Integrations
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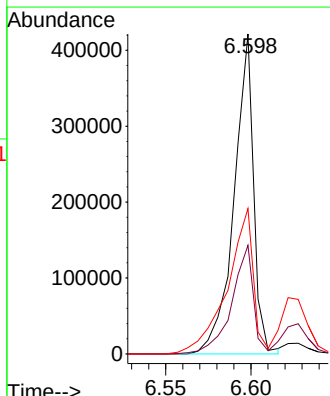
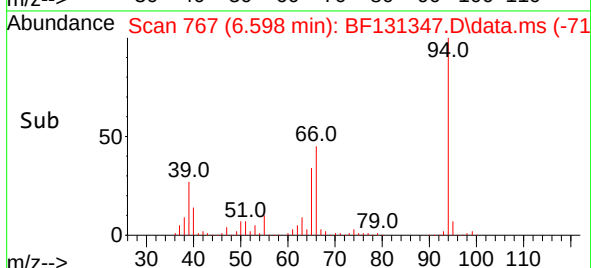
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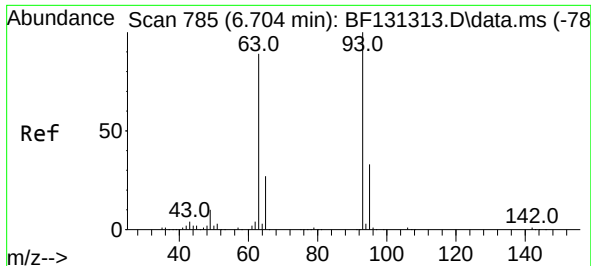


#10
Phenol
Concen: 46.988 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



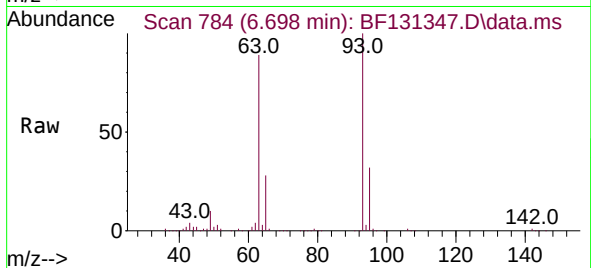
Tgt Ion: 94 Resp: 337029
Ion Ratio Lower Upper
94 100
65 34.0 15.0 55.0
66 45.4 28.6 68.6





#11
bis(2-Chloroethyl)ether
Concen: 45.050 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

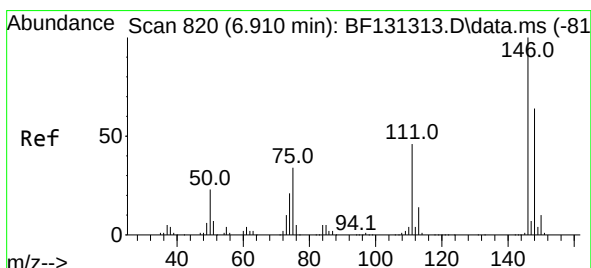
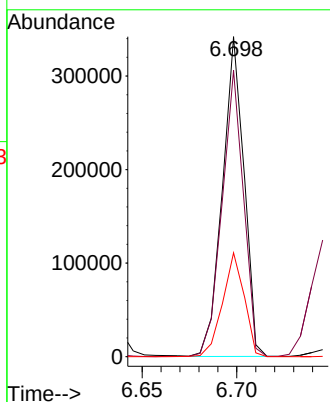
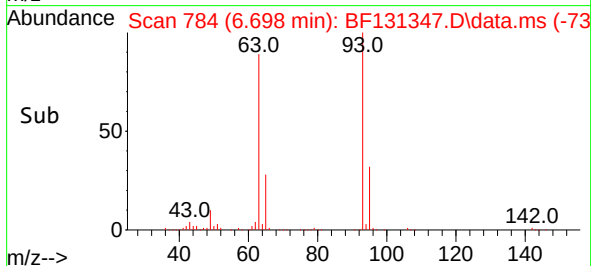
Instrument :
BNA_F
ClientSampleId :
MH-12MS



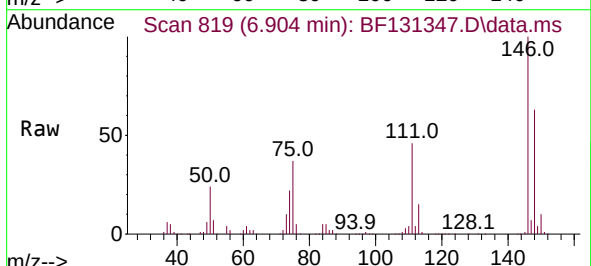
Tgt Ion: 93 Resp: 270729
Ion Ratio Lower Upper
93 100
63 89.5 68.6 108.6
95 32.4 13.1 53.1

Manual Integrations
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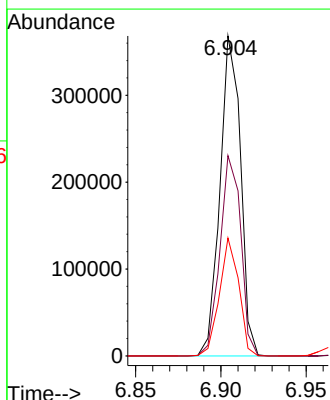
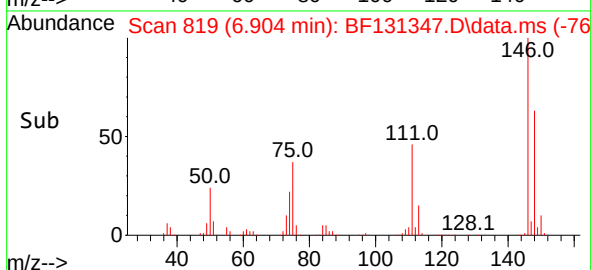
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

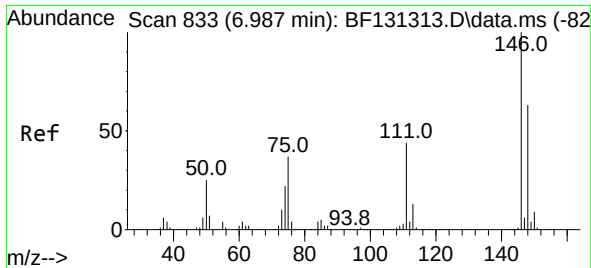


#12
1,3-Dichlorobenzene
Concen: 45.029 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



Tgt Ion:146 Resp: 308281
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.2
75 36.8 27.6 41.4





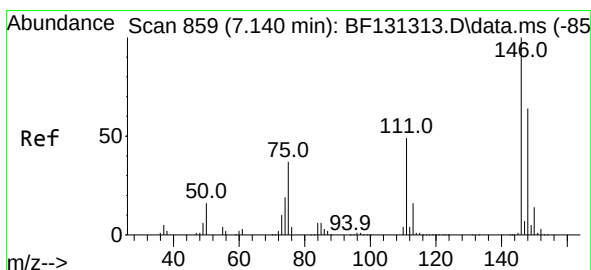
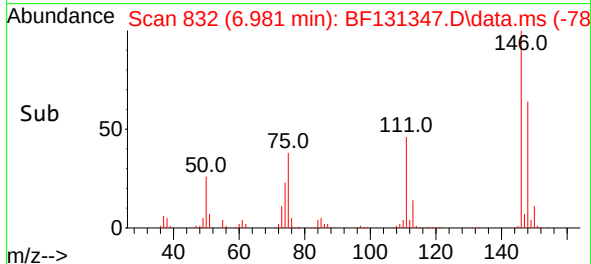
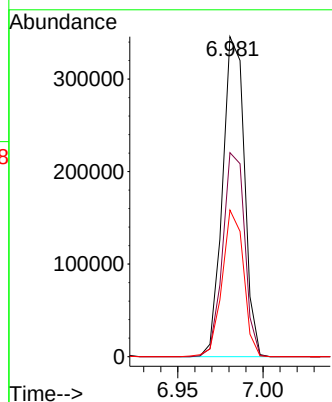
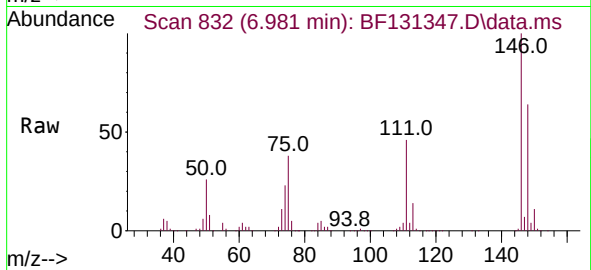
#13
1,4-Dichlorobenzene
Concen: 44.314 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion:146 Resp: 308272
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 45.8 35.0 52.6

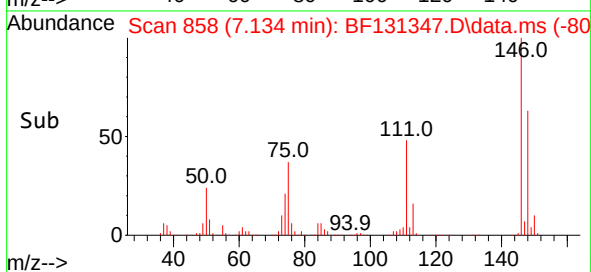
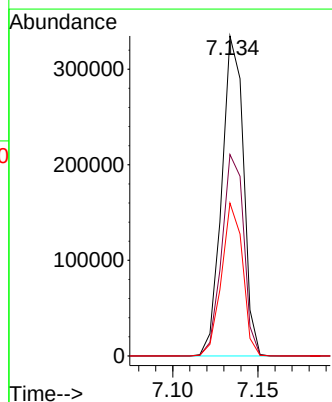
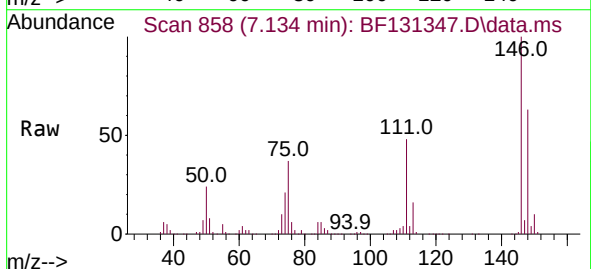
Manual Integrations
APPROVED

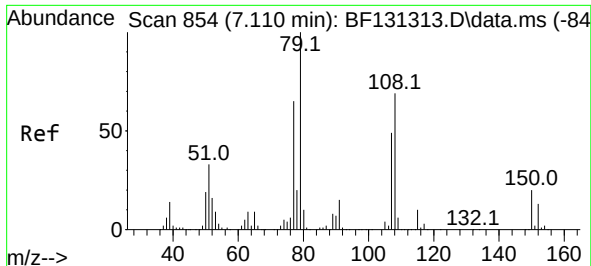
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#14
1,2-Dichlorobenzene
Concen: 46.223 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

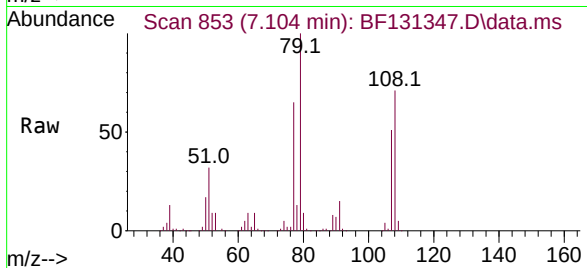
Tgt Ion:146 Resp: 296075
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.0
111 47.7 39.4 59.0





#15
Benzyl Alcohol
Concen: 48.163 ng
RT: 7.104 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

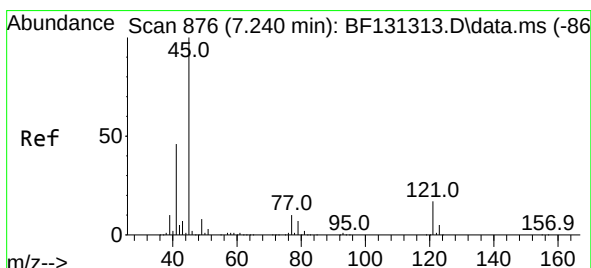
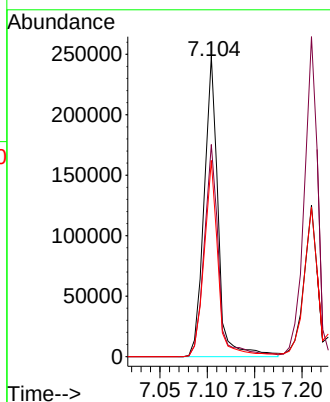
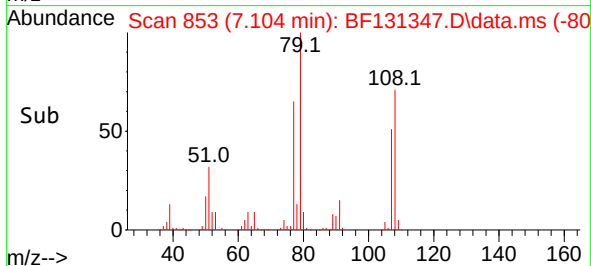
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion: 79 Resp: 255472
Ion Ratio Lower Upper
79 100
108 70.6 55.1 82.7
77 65.3 51.8 77.8

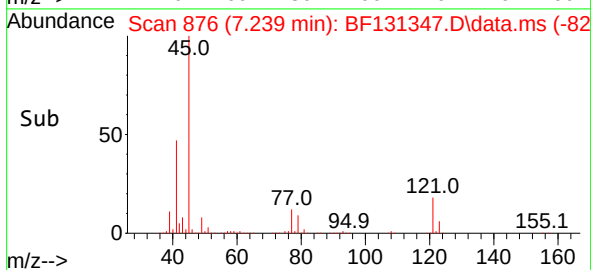
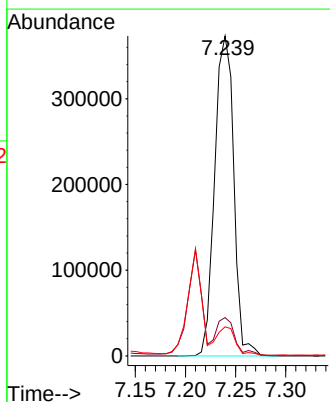
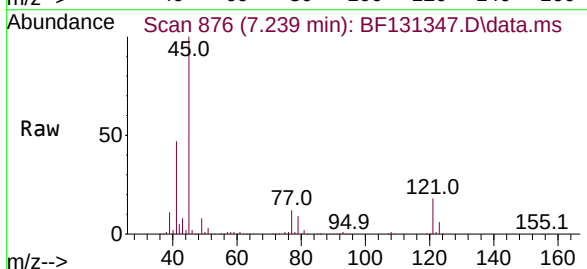
Manual Integrations
APPROVED

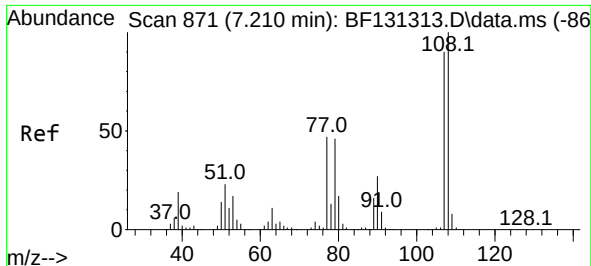
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.996 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

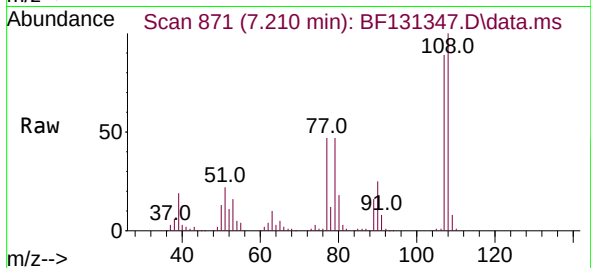
Tgt Ion: 45 Resp: 494150
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.2
79 9.1 0.0 28.4





#17
2-Methylphenol
Concen: 45.905 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

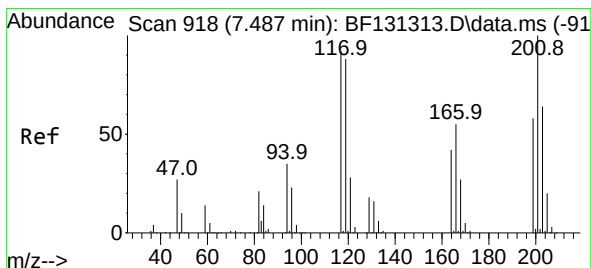
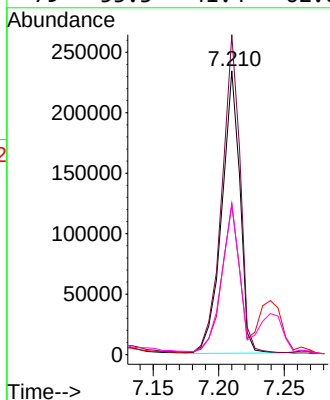
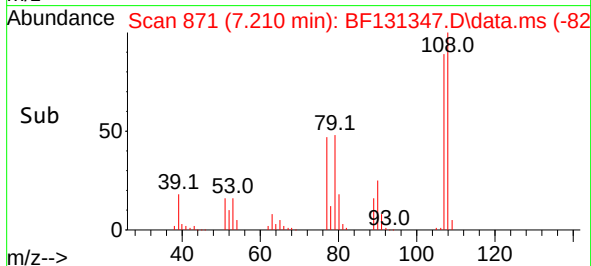
Instrument :
BNA_F
ClientSampleId :
MH-12MS



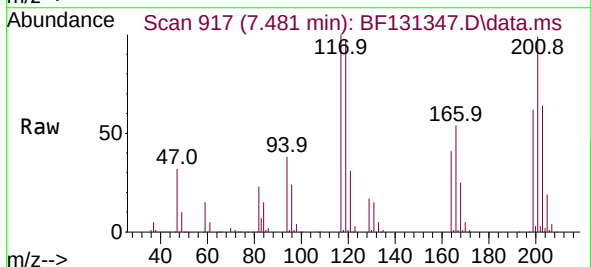
Tgt Ion:107 Resp: 224748
Ion Ratio Lower Upper
107 100
108 112.8 89.0 133.6
77 52.7 42.5 63.7
79 53.3 41.4 62.0

Manual Integrations
APPROVED

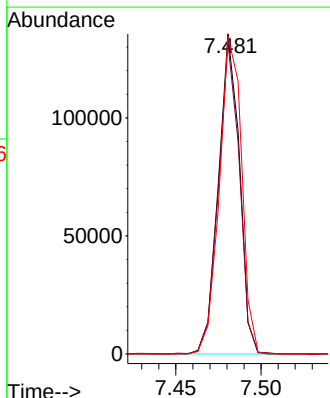
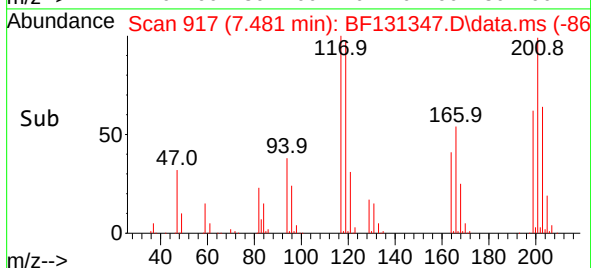
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

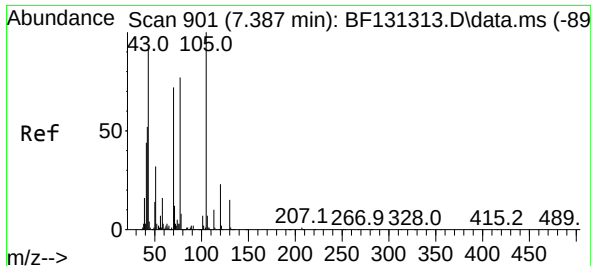


#18
Hexachloroethane
Concen: 46.599 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



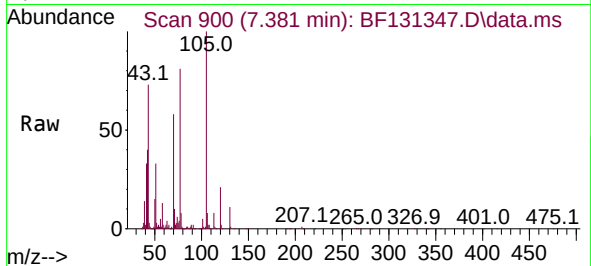
Tgt Ion:117 Resp: 115964
Ion Ratio Lower Upper
117 100
119 97.2 76.6 115.0
201 99.4 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.632 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

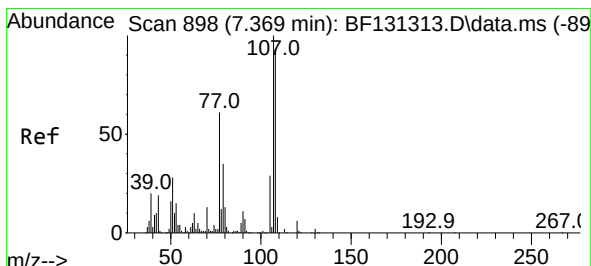
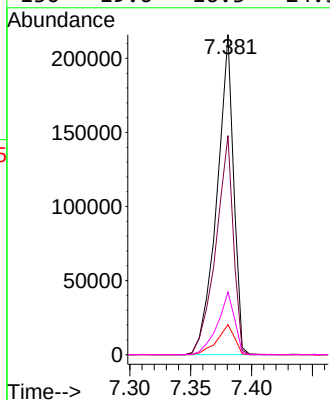
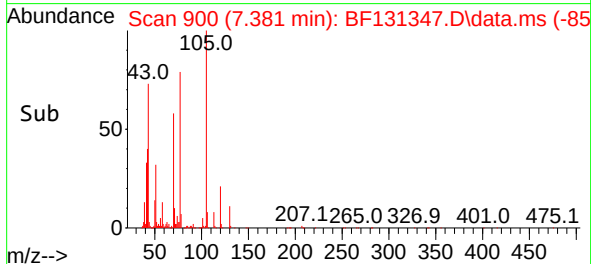
Instrument :
BNA_F
ClientSampleId :
MH-12MS



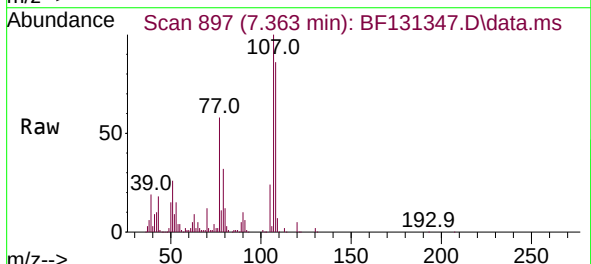
Tgt Ion: 70 Resp: 206634
Ion Ratio Lower Upper
70 100
42 68.4 57.6 86.4
101 9.4 8.2 12.2
130 19.6 16.3 24.5

Manual Integrations
APPROVED

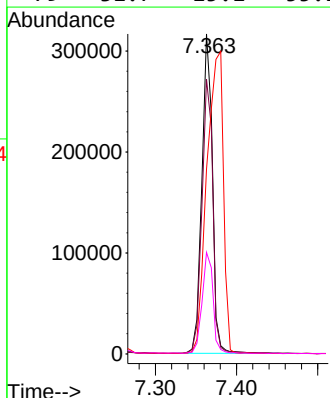
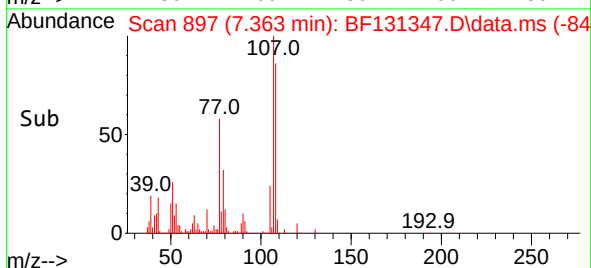
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

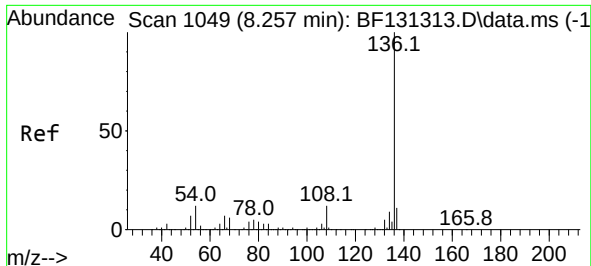


#20
3+4-Methylphenols
Concen: 45.851 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



Tgt Ion:107 Resp: 286627
Ion Ratio Lower Upper
107 100
108 85.8 72.6 112.6
77 57.7 41.4 81.4
79 31.7 15.1 55.1





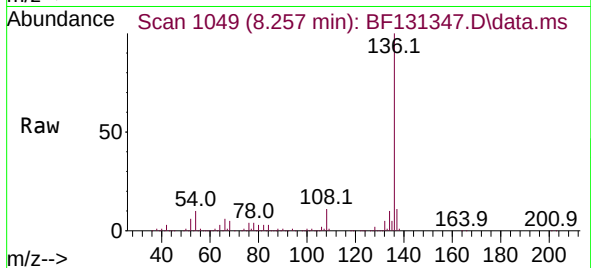
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :

BNA_F

ClientSampleId :

MH-12MS

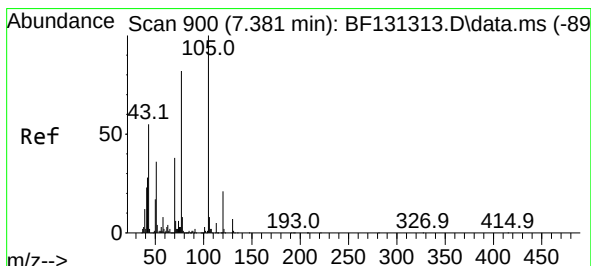
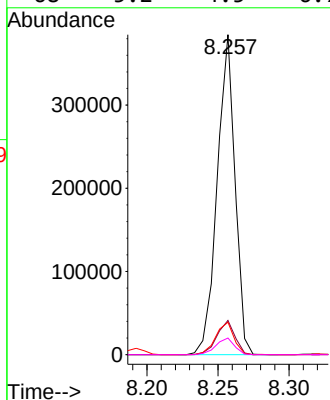
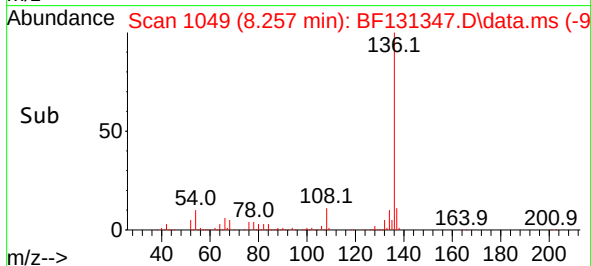


Tgt Ion:136 Resp: 336772
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.1 9.4 14.0
68 5.2 4.5 6.7

Manual Integrations

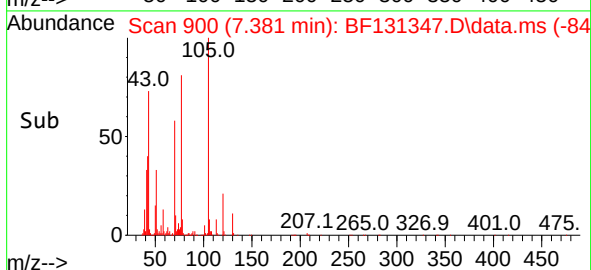
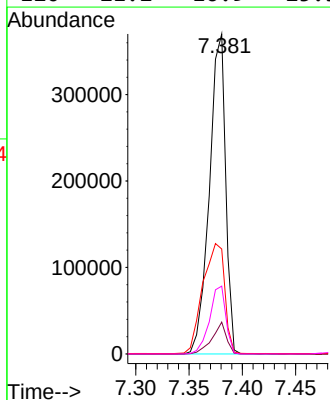
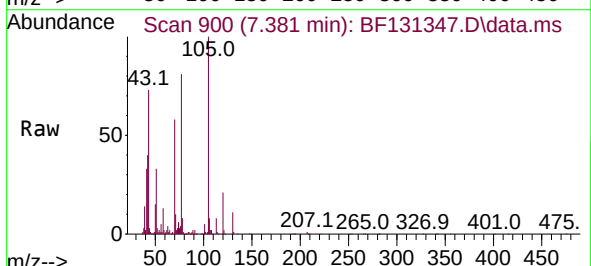
APPROVED

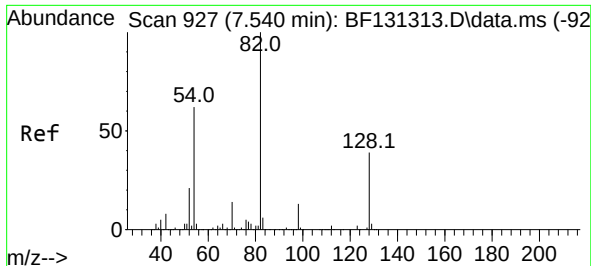
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#22
Acetophenone
Concen: 45.877 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Tgt Ion:105 Resp: 393276
Ion Ratio Lower Upper
105 100
71 9.9 4.9 7.3#
51 32.8 29.0 43.4
120 21.2 16.9 25.3





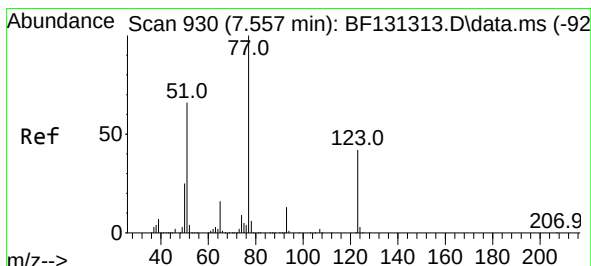
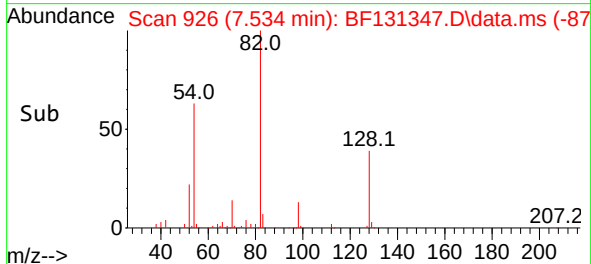
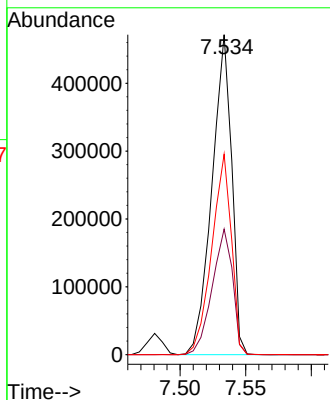
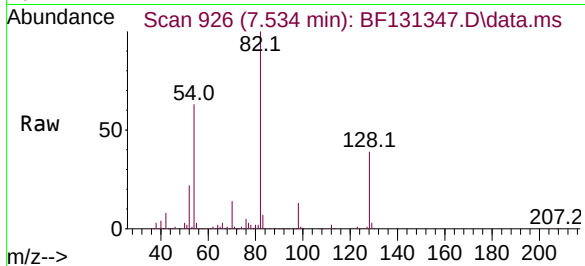
#23
Nitrobenzene-d5
Concen: 73.809 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion: 82 Resp: 493114
Ion Ratio Lower Upper
82 100
128 39.2 31.4 47.0
54 62.6 49.8 74.6

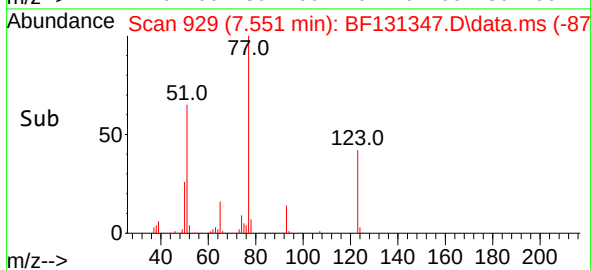
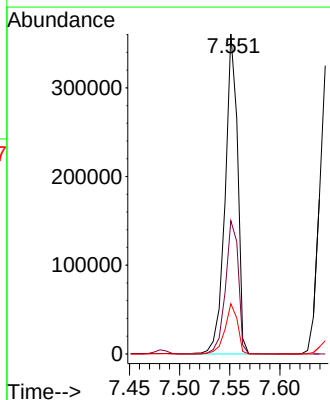
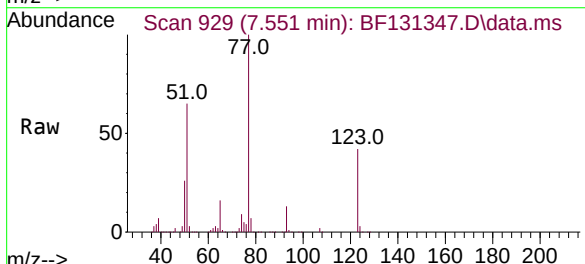
Manual Integrations
APPROVED

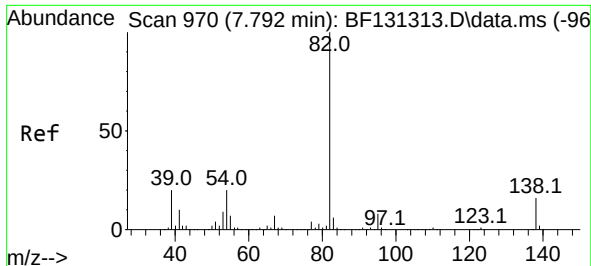
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#24
Nitrobenzene
Concen: 45.045 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Tgt Ion: 77 Resp: 313549
Ion Ratio Lower Upper
77 100
123 41.6 33.3 49.9
65 15.7 12.7 19.1





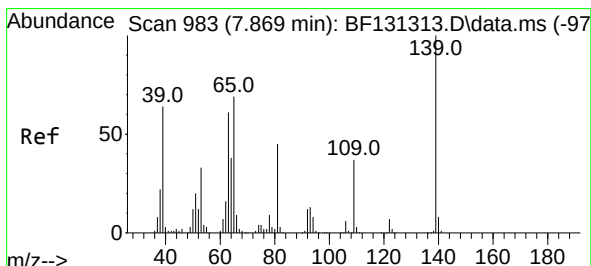
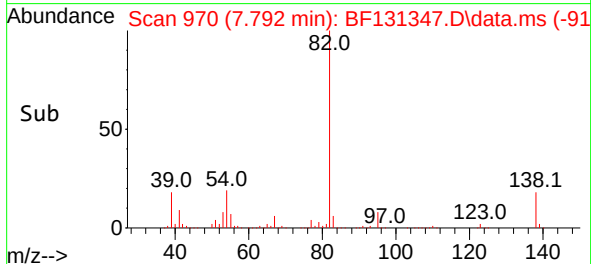
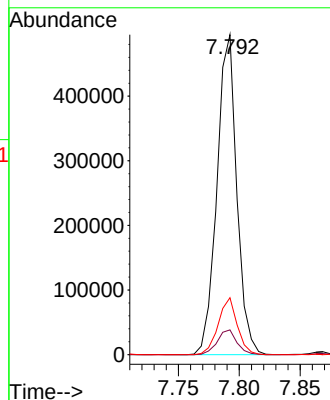
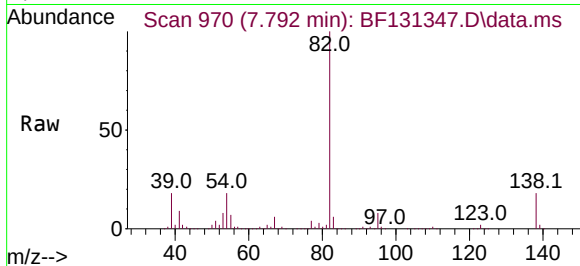
#25
Isophorone
Concen: 47.225 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion: 82 Resp: 562892
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 17.8 12.7 19.1

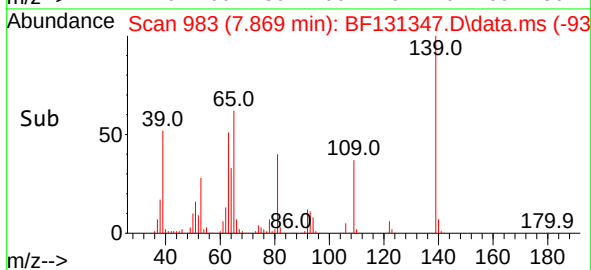
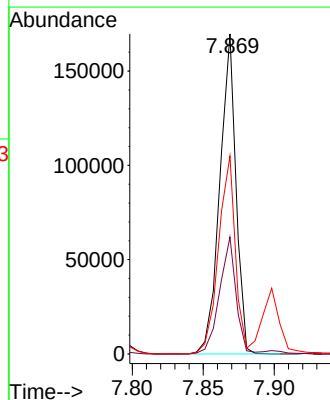
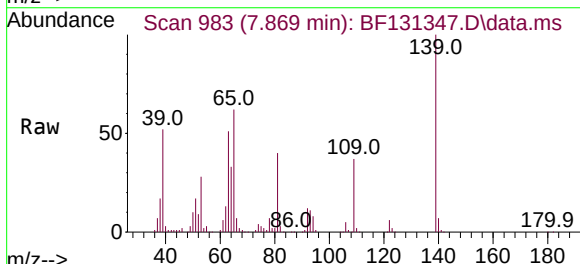
Manual Integrations
APPROVED

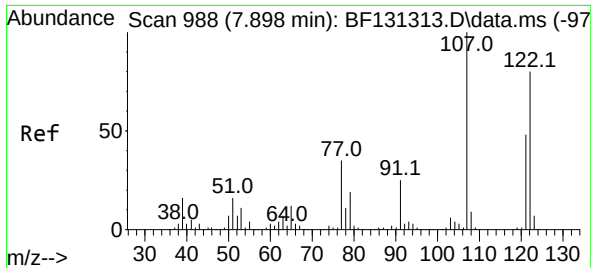
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#26
2-Nitrophenol
Concen: 57.859 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Tgt Ion:139 Resp: 134932
Ion Ratio Lower Upper
139 100
109 36.5 29.9 44.9
65 61.8 55.7 83.5





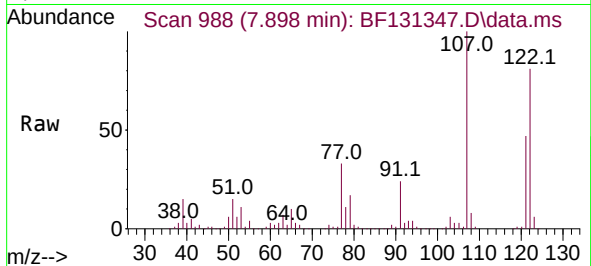
#27
2,4-Dimethylphenol
Concen: 54.280 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :

BNA_F

ClientSampleId :

MH-12MS

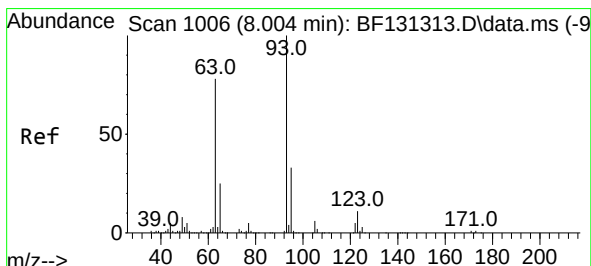
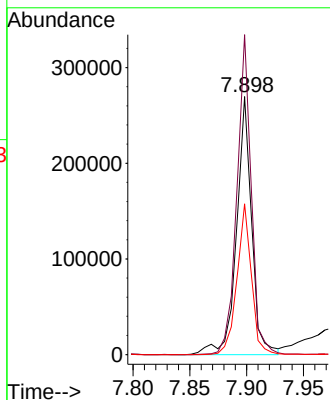
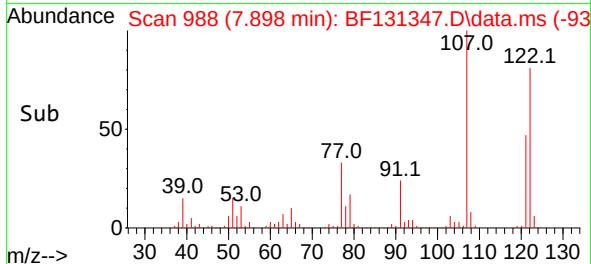


Tgt Ion:122 Resp: 250818
Ion Ratio Lower Upper
122 100
107 124.0 99.9 149.9
121 58.4 47.4 71.2

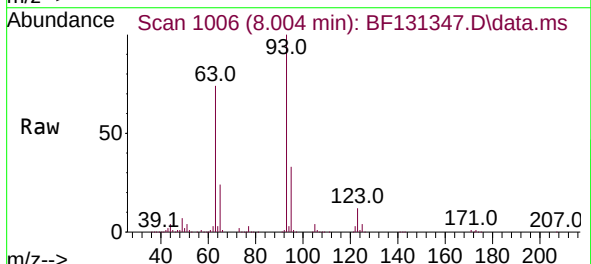
Manual Integrations

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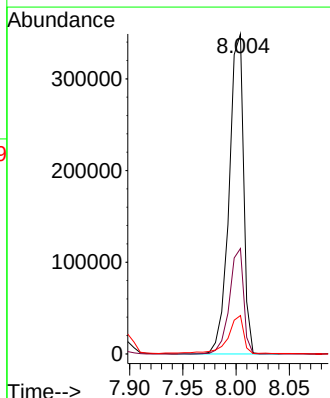
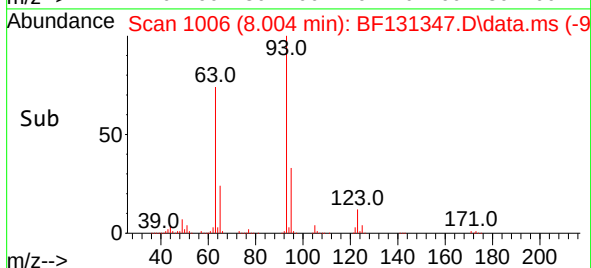
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

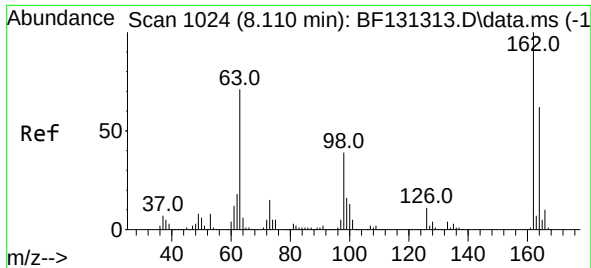


#28
bis(2-Chloroethoxy)methane
Concen: 48.823 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



Tgt Ion: 93 Resp: 330528
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 47.089 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF131347.D

Acq: 23 Nov 2022 00:25

Instrument :

BNA_F

ClientSampleId :

MH-12MS

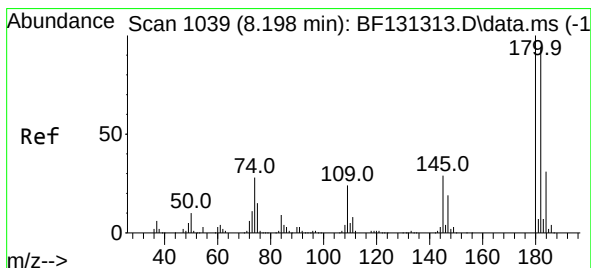
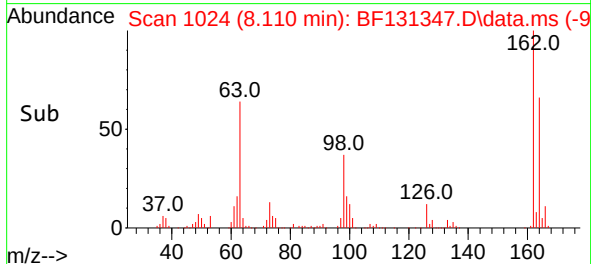
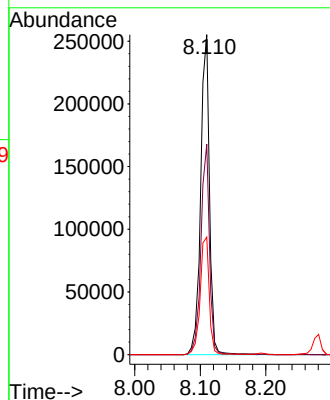
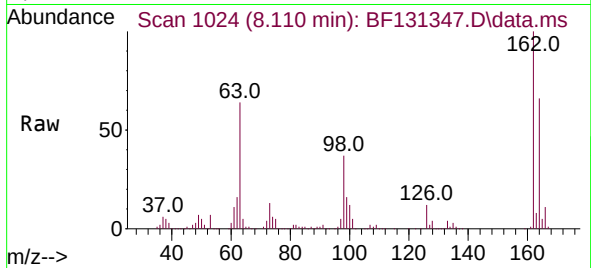
Tgt Ion:162	Resp: 236018
Ion Ratio	Lower Upper
162 100	
164 65.8	42.2 82.2
98 36.7	18.8 58.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.682 ng

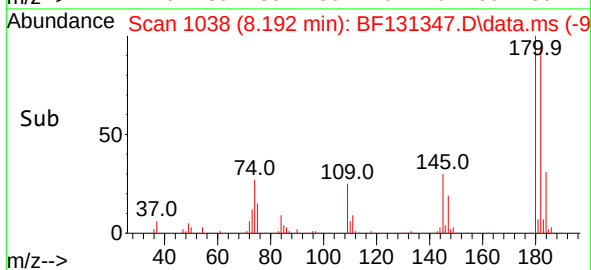
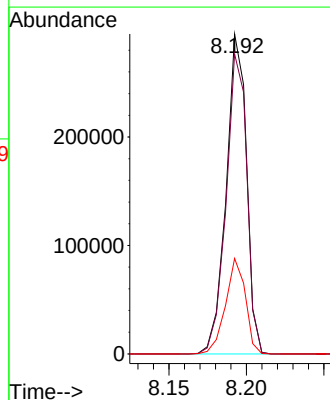
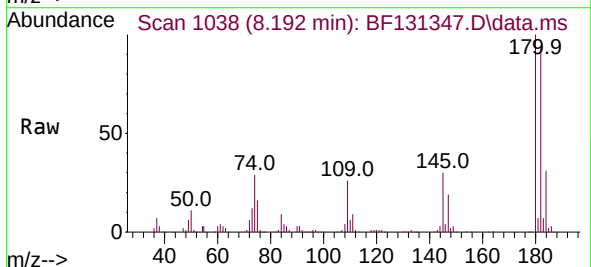
RT: 8.192 min Scan# 1038

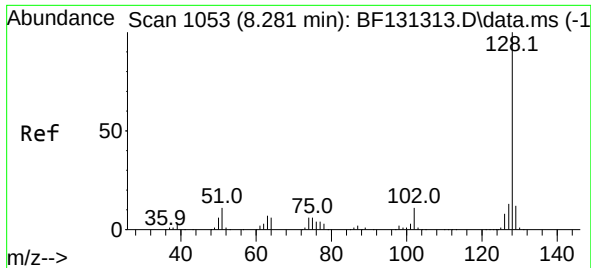
Delta R.T. -0.006 min

Lab File: BF131347.D

Acq: 23 Nov 2022 00:25

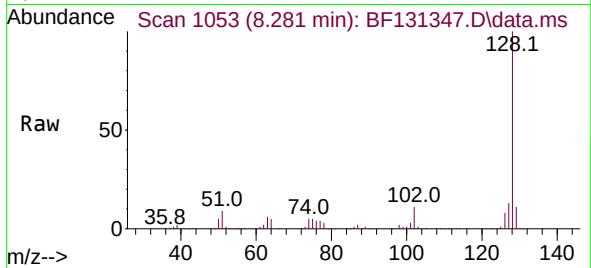
Tgt Ion:180	Resp: 271226
Ion Ratio	Lower Upper
180 100	
182 93.7	75.3 112.9
145 29.8	23.4 35.0





#31
Naphthalene
Concen: 43.567 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

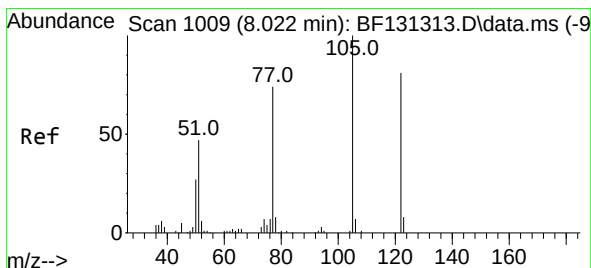
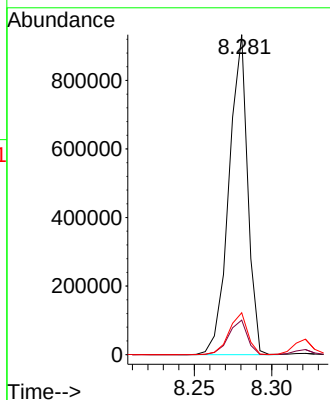
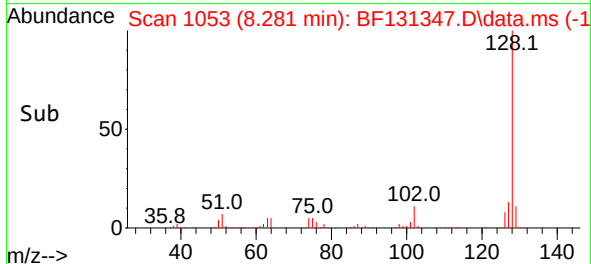
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:128 Resp: 781880
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.1 10.6 16.0

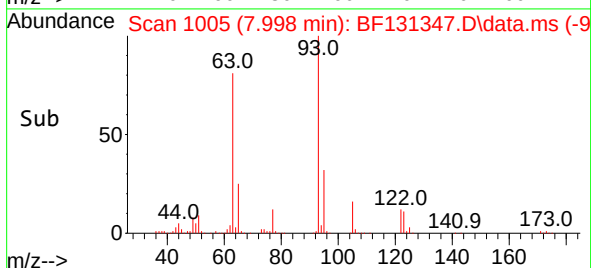
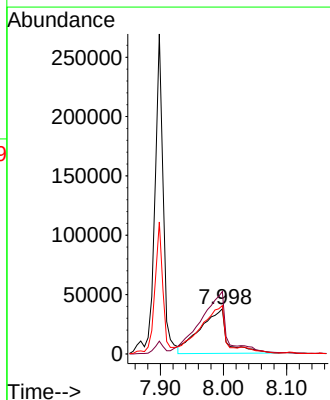
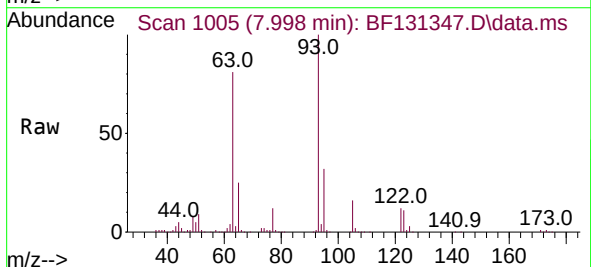
Manual Integrations
APPROVED

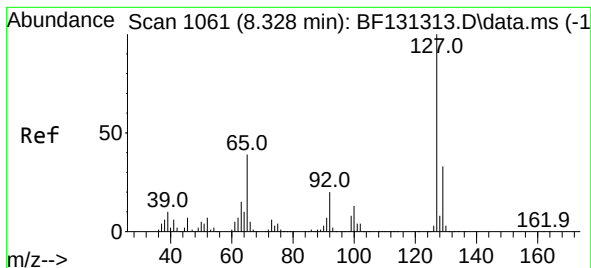
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#32
Benzoic acid
Concen: 41.593 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Tgt Ion:122 Resp: 113366
Ion Ratio Lower Upper
122 100
105 138.2 103.8 143.8
77 107.0 74.3 114.3





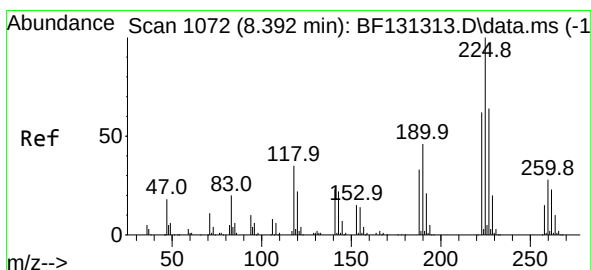
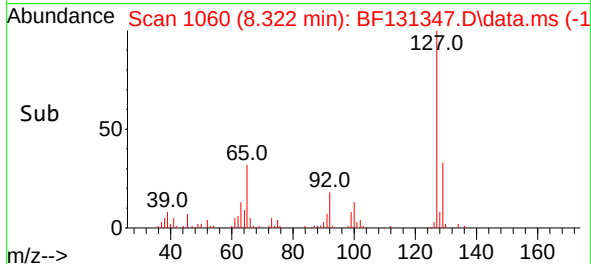
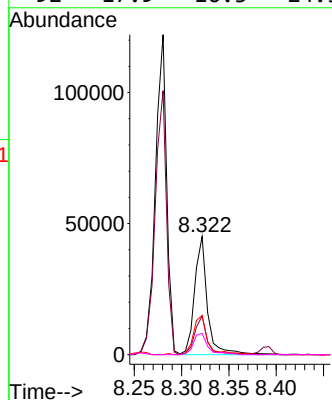
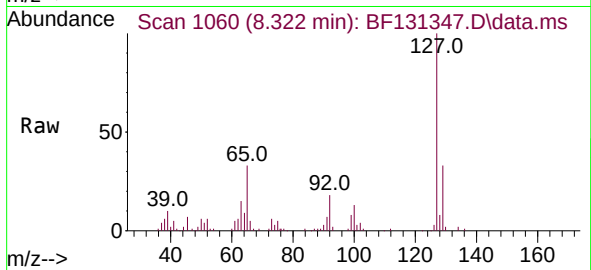
#33
4-Chloroaniline
Concen: 5.957 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion:	127	Resp:	42176
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	33.0	31.0	46.6
92	17.9	16.3	24.5

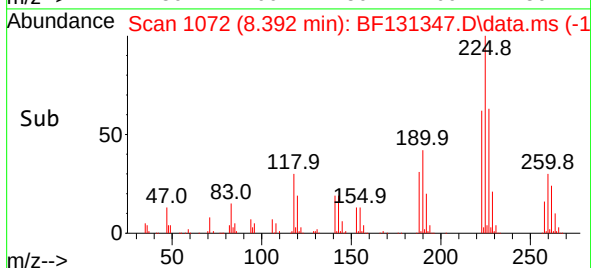
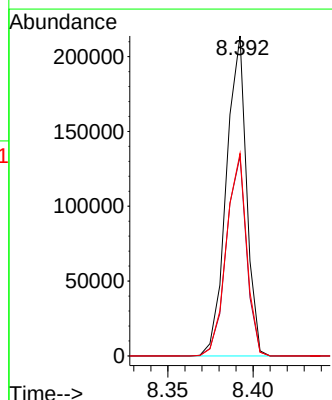
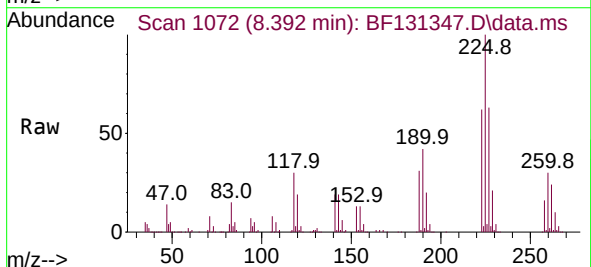
Manual Integrations
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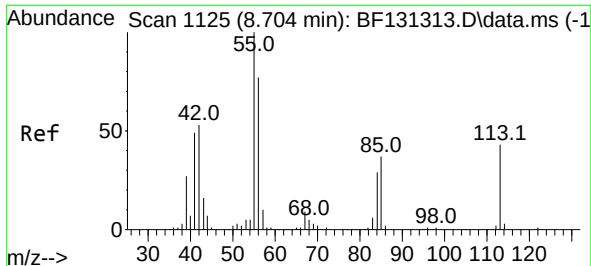
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#34
Hexachlorobutadiene
Concen: 43.700 ng
RT: 8.392 min Scan# 1072
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

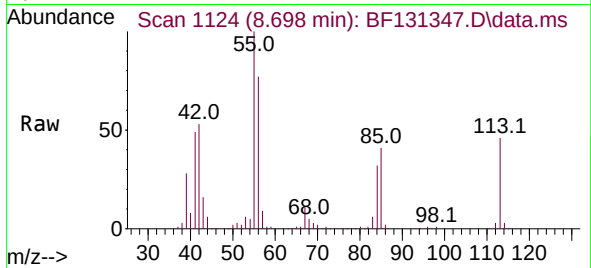
Tgt Ion:	225	Resp:	175700
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.0
227	63.3	51.1	76.7





#35
Caprolactam
Concen: 51.269 ng m
RT: 8.698 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

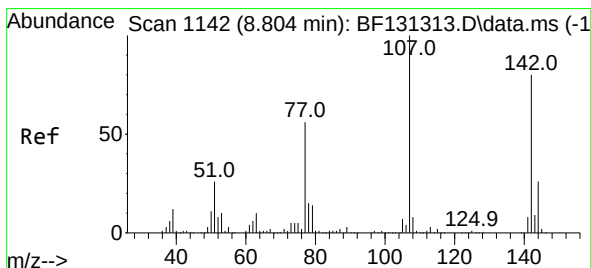
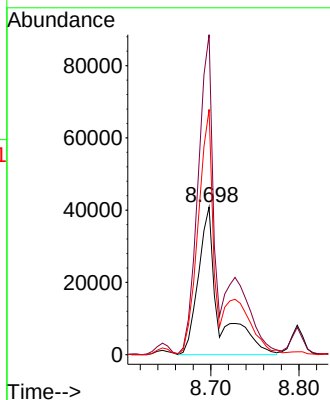
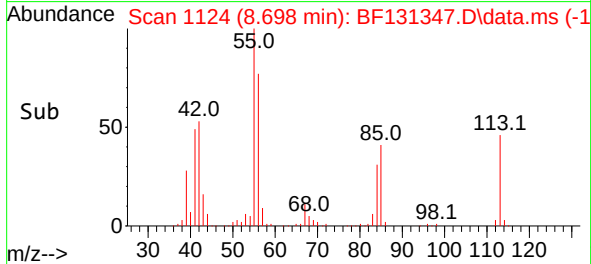
Instrument :
BNA_F
ClientSampleId :
MH-12MS



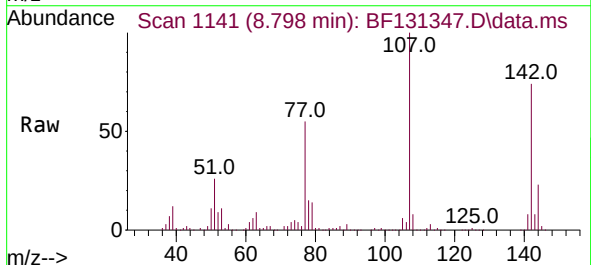
Tgt Ion:113 Resp: 67526
Ion Ratio Lower Upper
113 100
55 216.9 214.5 254.5
56 166.2 159.4 199.4

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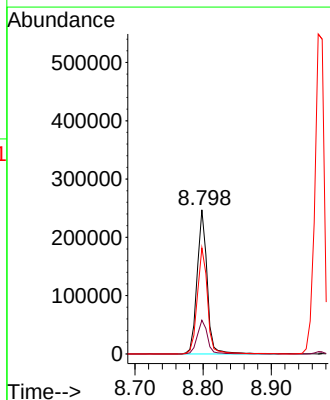
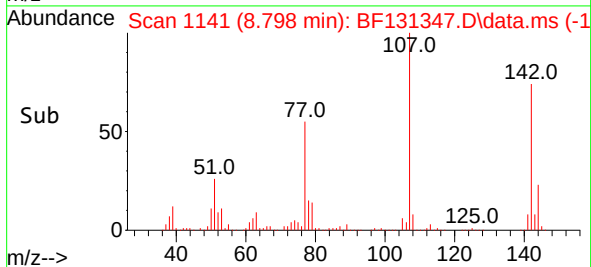
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

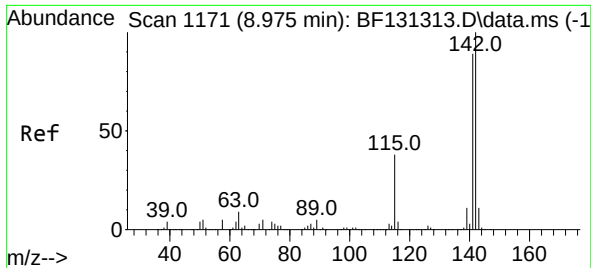


#36
4-Chloro-3-methylphenol
Concen: 48.708 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



Tgt Ion:107 Resp: 253636
Ion Ratio Lower Upper
107 100
144 23.4 20.9 31.3
142 73.6 63.9 95.9





#37

2-Methylnaphthalene

Concen: 42.781 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF131347.D

Acq: 23 Nov 2022 00:25

Instrument :

BNA_F

ClientSampleId :

MH-12MS

Tgt Ion:142 Resp: 520210

Ion Ratio Lower Upper

142 100

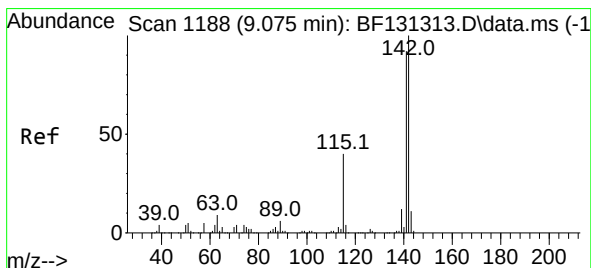
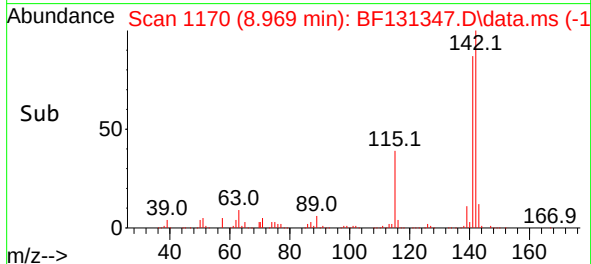
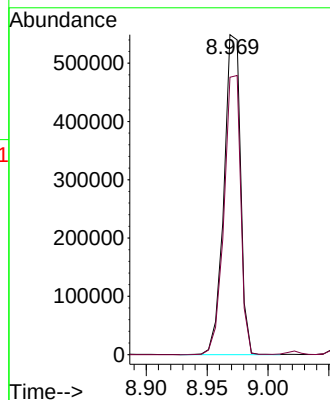
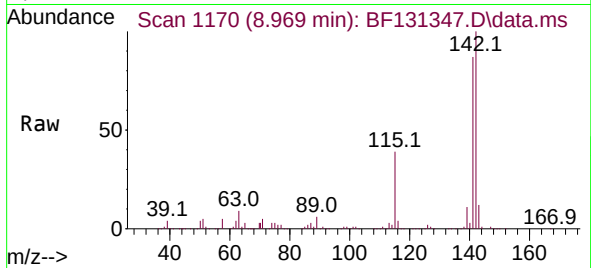
141 86.7 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#38

1-Methylnaphthalene

Concen: 41.077 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF131347.D

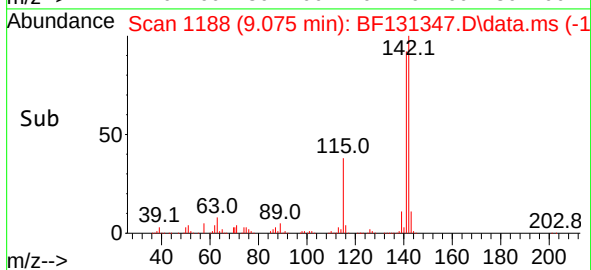
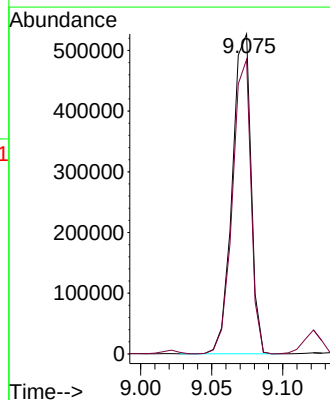
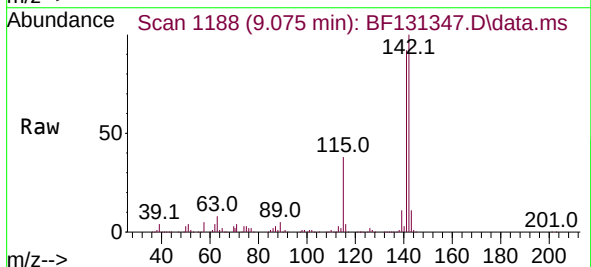
Acq: 23 Nov 2022 00:25

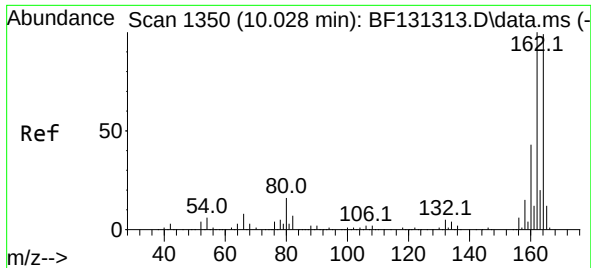
Tgt Ion:142 Resp: 484360

Ion Ratio Lower Upper

142 100

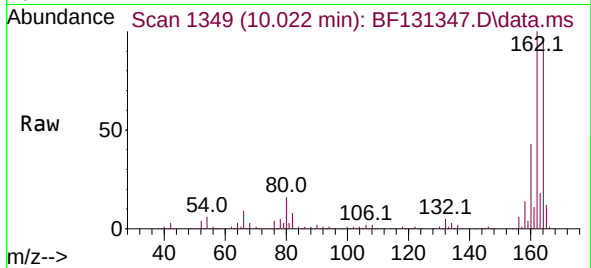
141 92.0 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

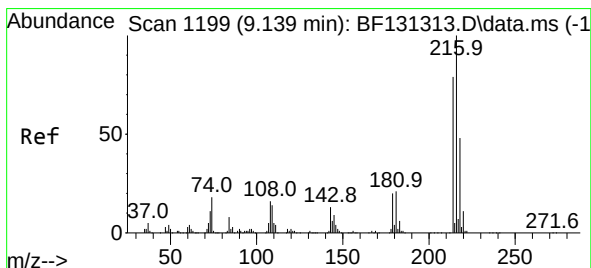
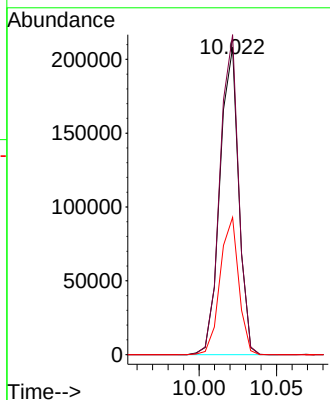
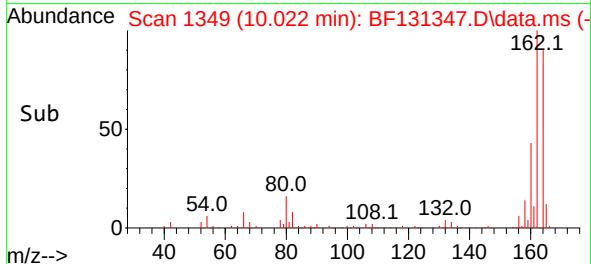
Instrument :
BNA_F
ClientSampleId :
MH-12MS



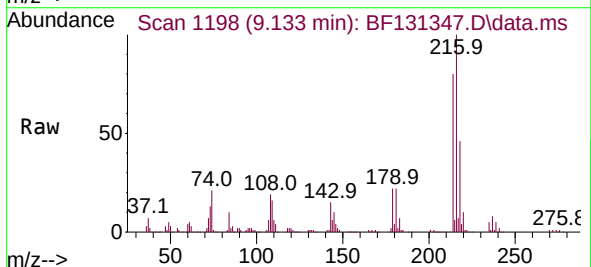
Tgt Ion:164 Resp: 176131
Ion Ratio Lower Upper
164 100
162 104.2 80.6 120.8
160 44.7 34.4 51.6

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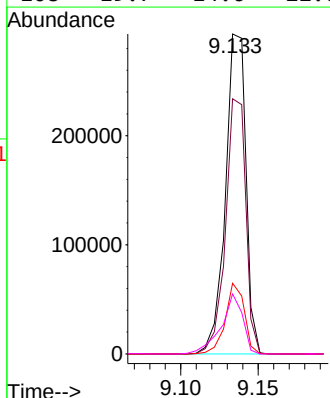
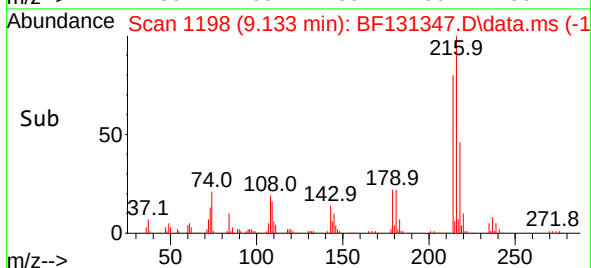
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

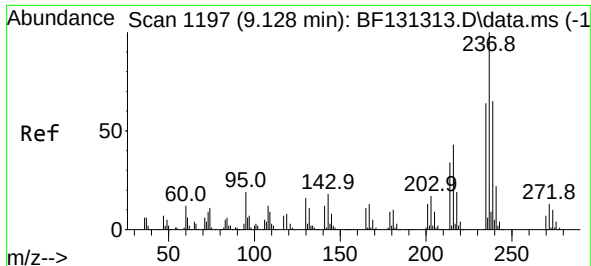


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.255 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



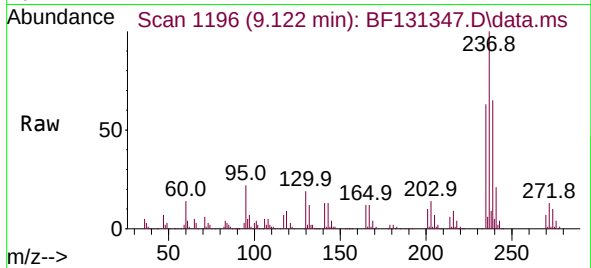
Tgt Ion:216 Resp: 270092
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 20.3 16.2 24.4
108 19.7 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 107.388 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

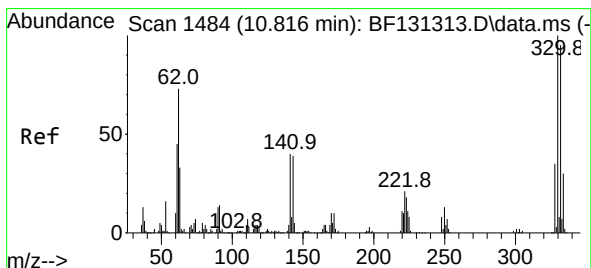
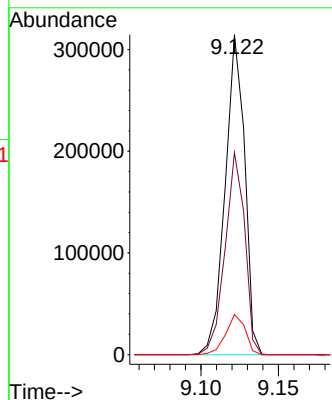
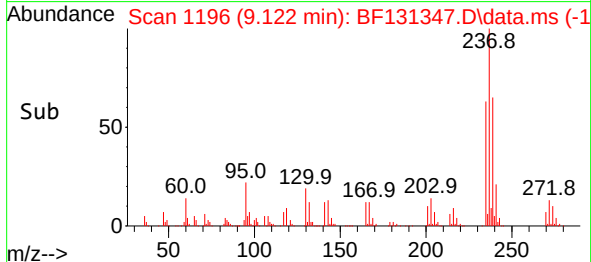
Instrument :
BNA_F
ClientSampleId :
MH-12MS



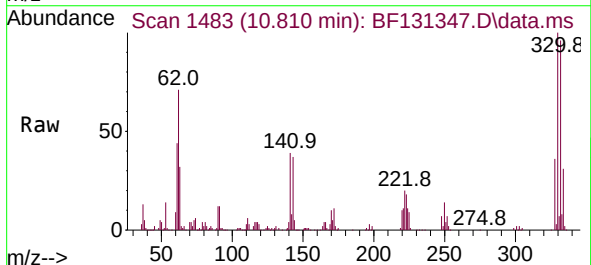
Tgt Ion: 237 Resp: 275928
Ion Ratio Lower Upper
237 100
235 63.1 44.2 84.2
272 12.5 0.0 33.4

Manual Integrations
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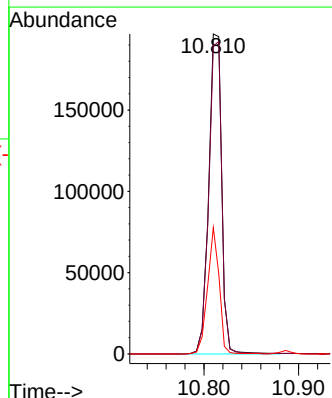
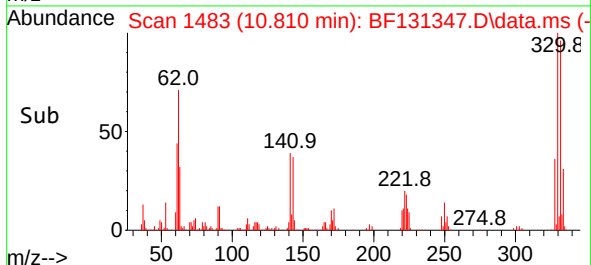
Reviewed By : Christian Giraldo 11/23/2022
Supervised By : Jagrut Upadhyay 11/23/2022

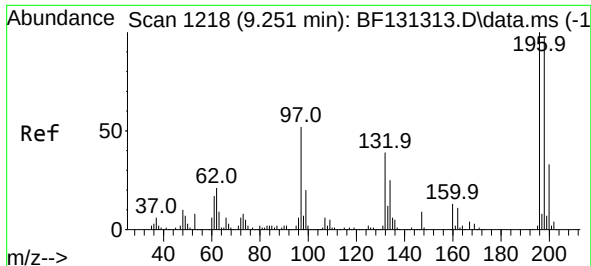


#42
2,4,6-Tribromophenol
Concen: 126.911 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



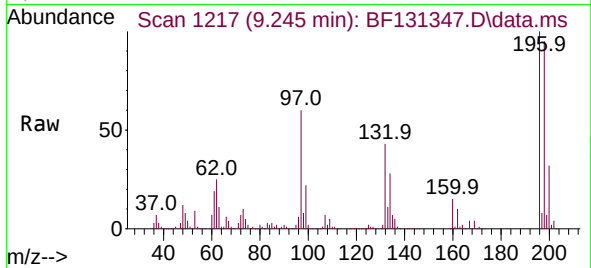
Tgt Ion: 330 Resp: 188057
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 35.2 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 53.433 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

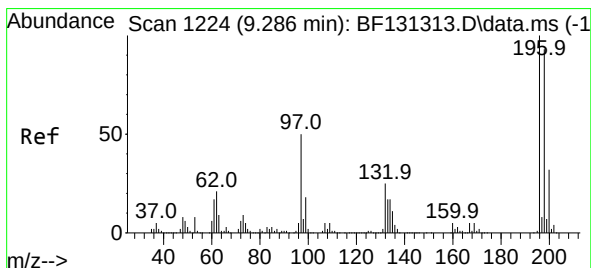
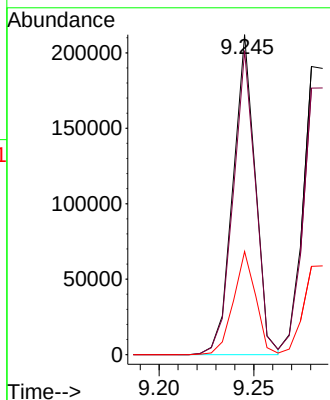
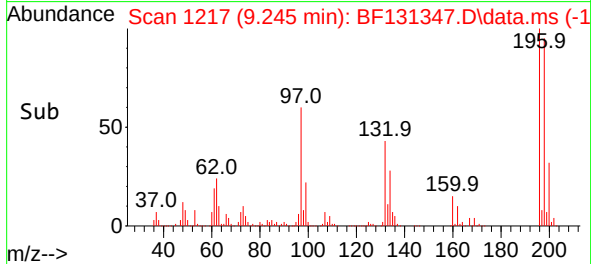
Instrument :
BNA_F
ClientSampleId :
MH-12MS



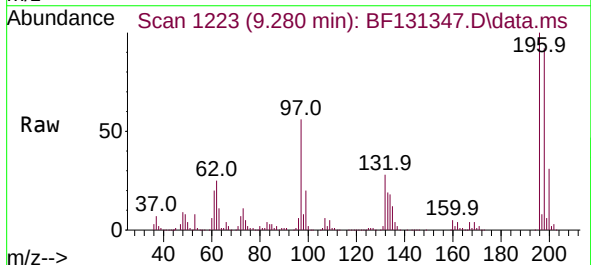
Tgt Ion:196 Resp: 173254
Ion Ratio Lower Upper
196 100
198 95.0 77.4 116.0
200 32.2 26.3 39.5

Manual Integrations
APPROVED

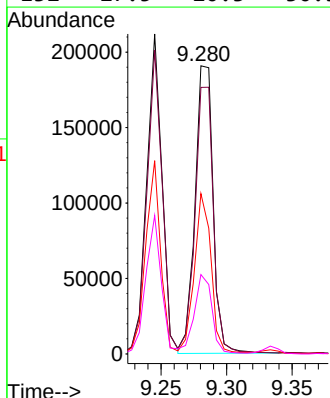
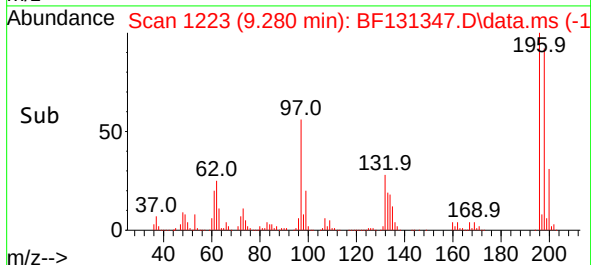
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

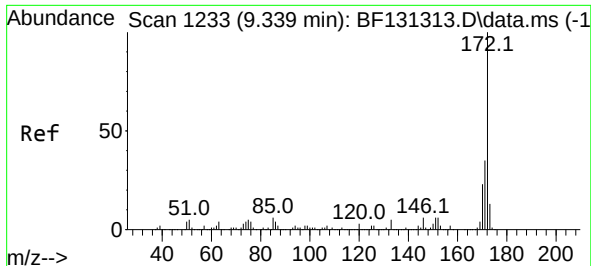


#44
2,4,5-Trichlorophenol
Concen: 50.125 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



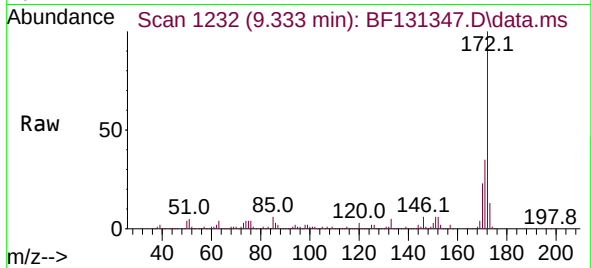
Tgt Ion:196 Resp: 182758
Ion Ratio Lower Upper
196 100
198 92.5 75.0 112.4
97 55.7 40.3 60.5
132 27.5 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 70.528 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

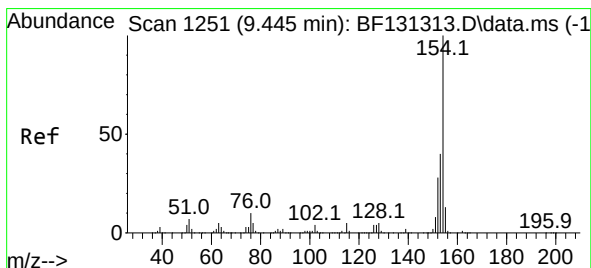
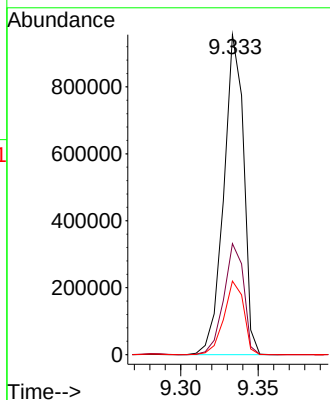
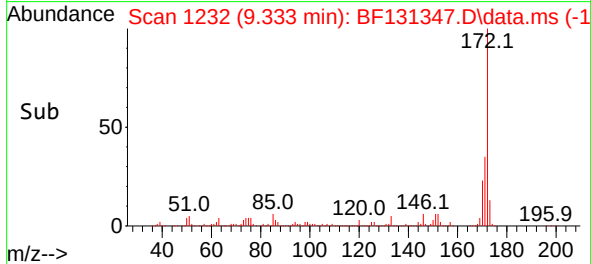
Instrument :
BNA_F
ClientSampleId :
MH-12MS



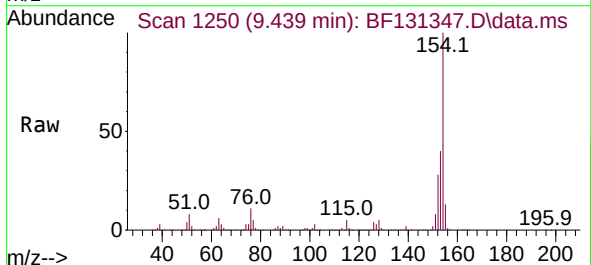
Tgt Ion:172 Resp: 853862
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.0 18.7 28.1

Manual Integrations
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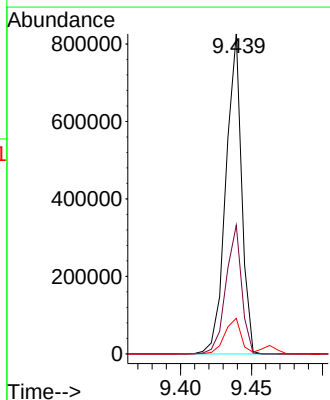
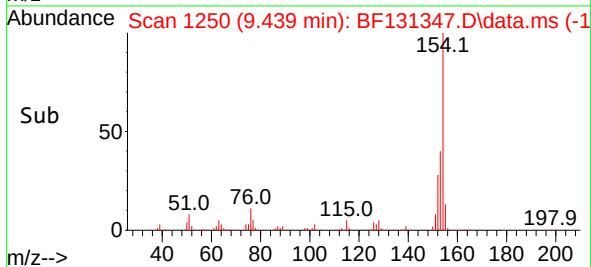
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

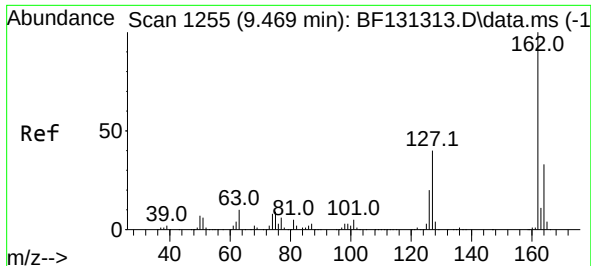


#46
1,1'-Biphenyl
Concen: 47.377 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



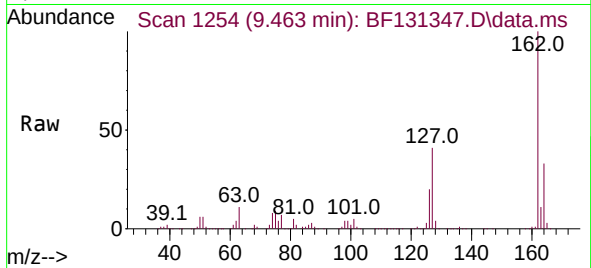
Tgt Ion:154 Resp: 636793
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 11.1 0.0 30.2





#47
2-Chloronaphthalene
Concen: 46.159 ng
RT: 9.463 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

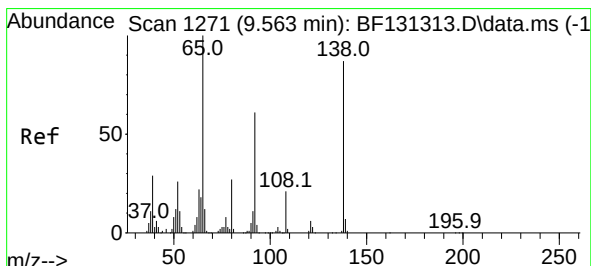
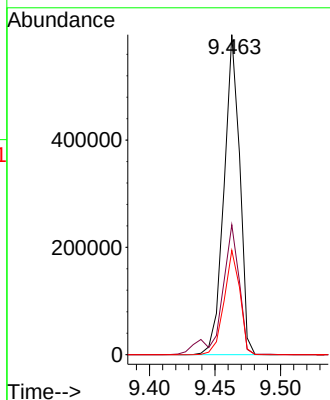
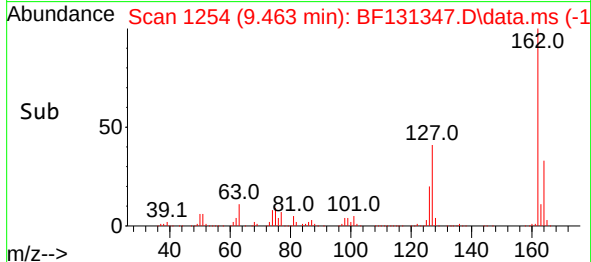
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:162 Resp: 497698
Ion Ratio Lower Upper
162 100
127 40.6 32.1 48.1
164 32.6 26.6 39.8

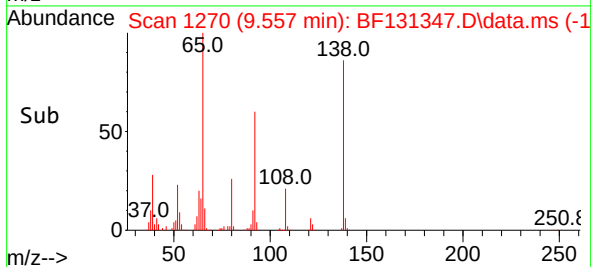
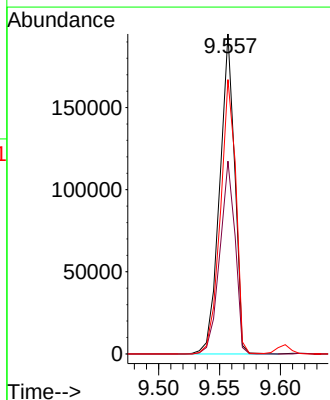
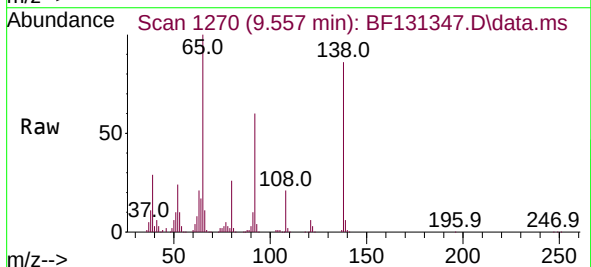
Manual Integrations
APPROVED

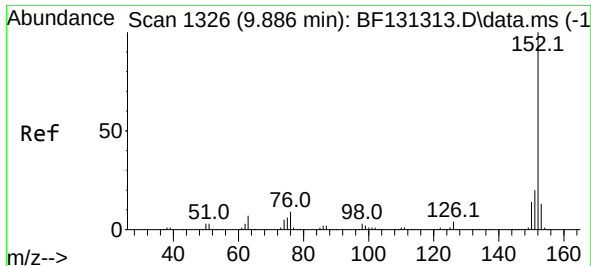
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#48
2-Nitroaniline
Concen: 50.777 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

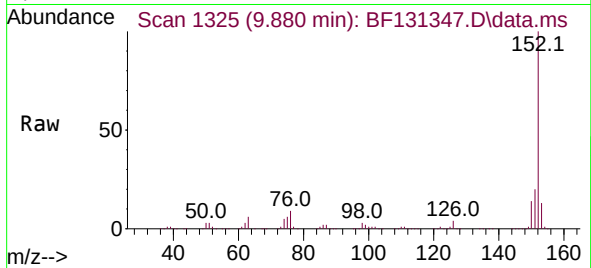
Tgt Ion: 65 Resp: 166232
Ion Ratio Lower Upper
65 100
92 60.2 49.0 73.4
138 85.7 69.4 104.2





#49
Acenaphthylene
Concen: 45.357 ng
RT: 9.880 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

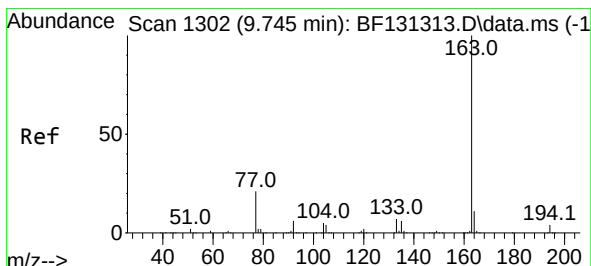
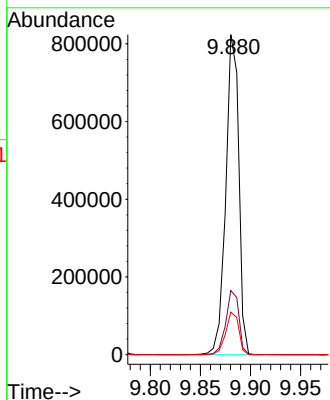
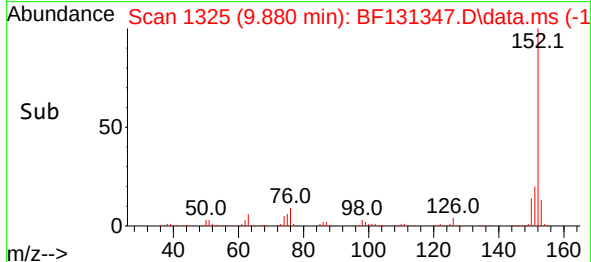
Instrument :
BNA_F
ClientSampleId :
MH-12MS



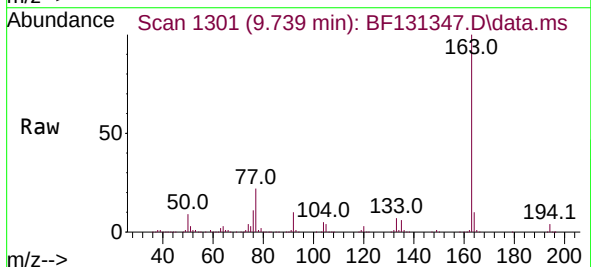
Tgt Ion:152 Resp: 745501
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.3 10.6 15.8

Manual Integrations
APPROVED

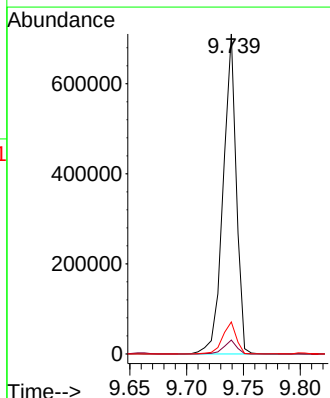
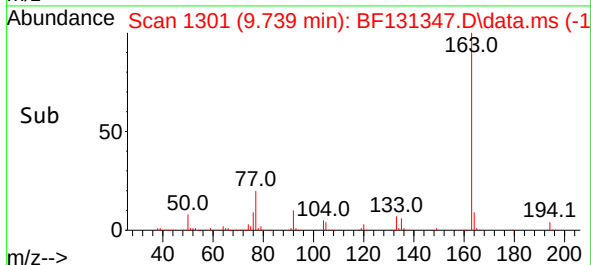
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

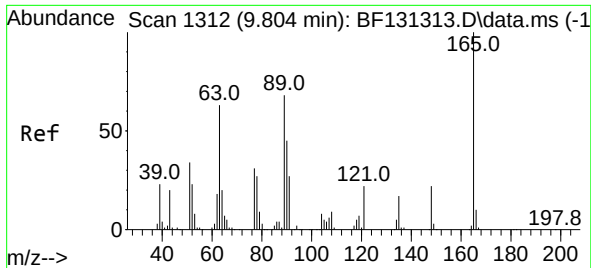


#50
Dimethylphthalate
Concen: 46.521 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



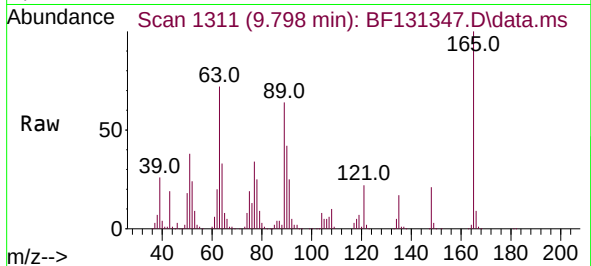
Tgt Ion:163 Resp: 570890
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 50.485 ng
RT: 9.798 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

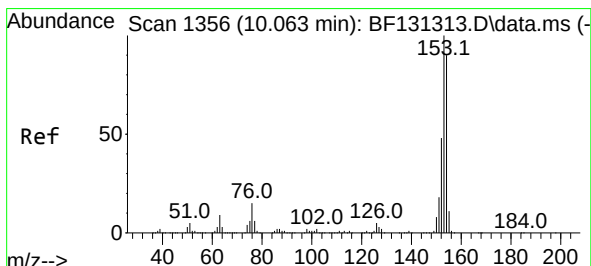
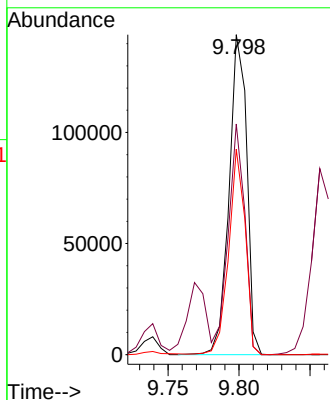
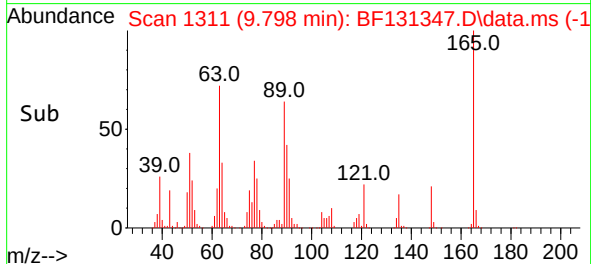
Instrument :
BNA_F
ClientSampleId :
MH-12MS



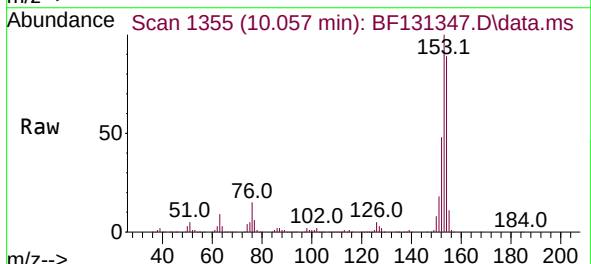
Tgt Ion:165 Resp: 123899
Ion Ratio Lower Upper
165 100
63 72.1 62.0 93.0
89 64.2 54.4 81.6

Manual Integrations
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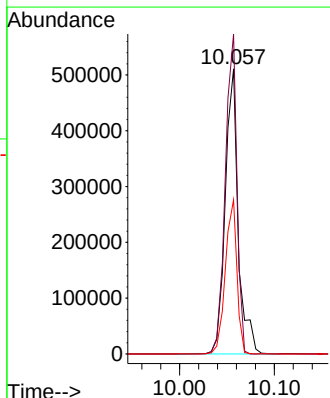
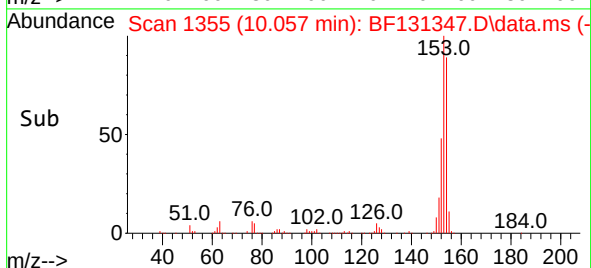
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

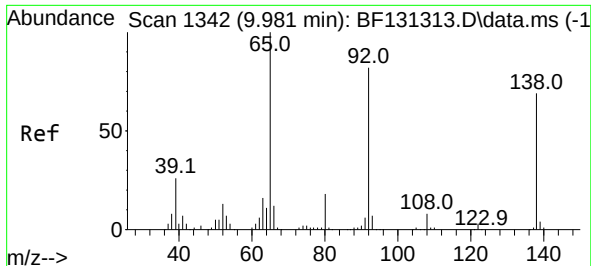


#52
Acenaphthene
Concen: 47.166 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



Tgt Ion:154 Resp: 485446
Ion Ratio Lower Upper
154 100
153 112.3 88.4 132.6
152 54.0 42.8 64.2





#53
3-Nitroaniline
Concen: 21.530 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :

BNA_F

ClientSampleId :

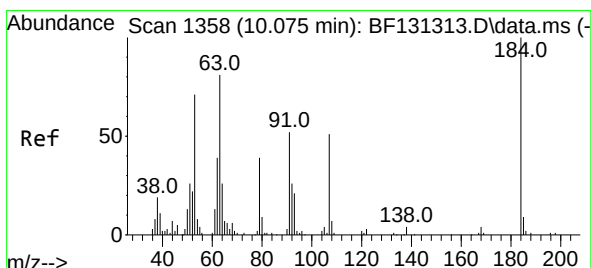
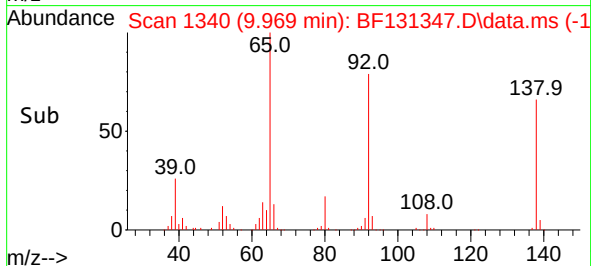
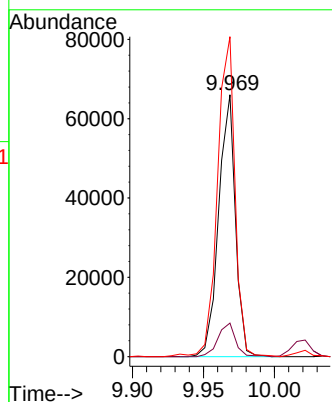
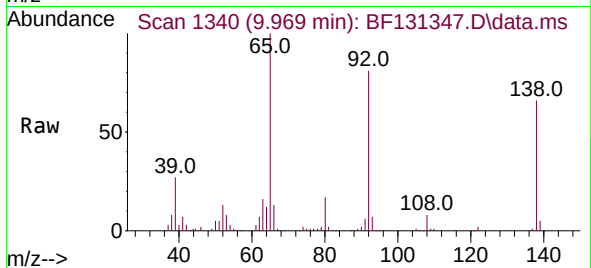
MH-12MS

Tgt Ion:138 Resp: 54293
Ion Ratio Lower Upper
138 100
108 12.8 8.9 13.3
92 122.2 95.3 142.9

Manual Integrations

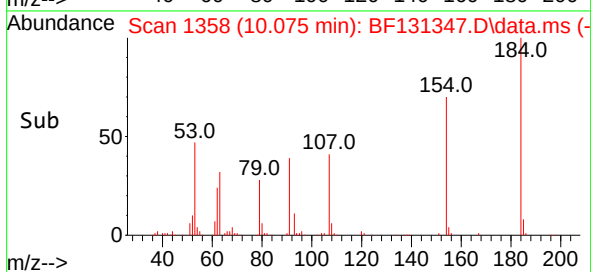
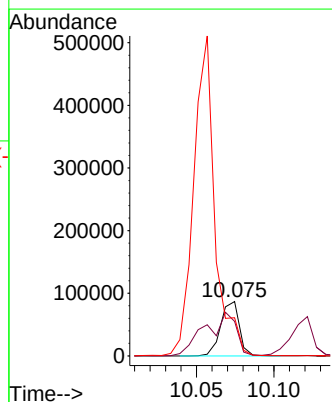
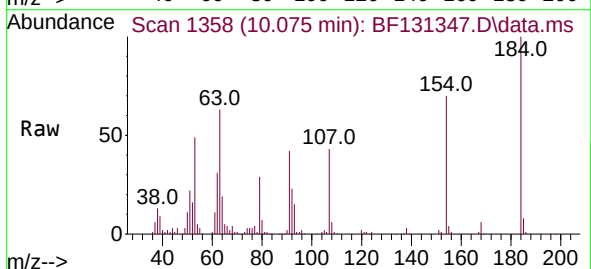
APPROVED

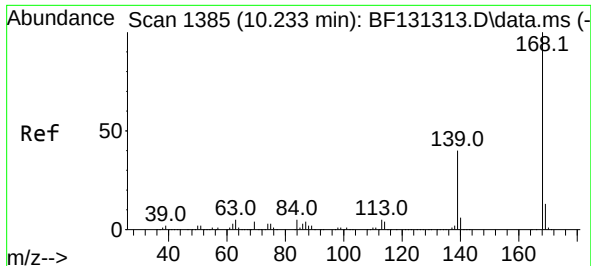
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#54
2,4-Dinitrophenol
Concen: 69.266 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

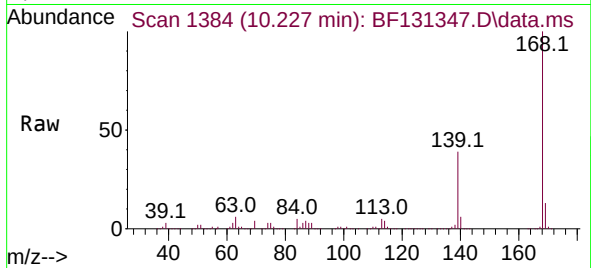
Tgt Ion:184 Resp: 72785
Ion Ratio Lower Upper
184 100
63 63.3 72.1 108.1#
154 70.3 56.3 84.5





#55
Dibenzofuran
Concen: 44.117 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

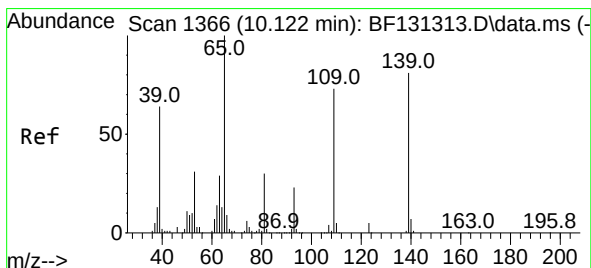
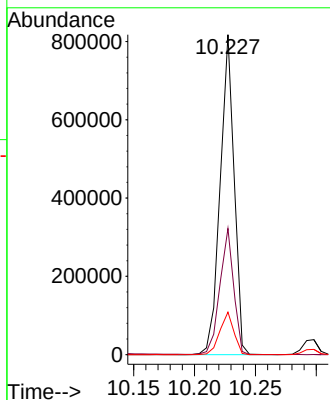
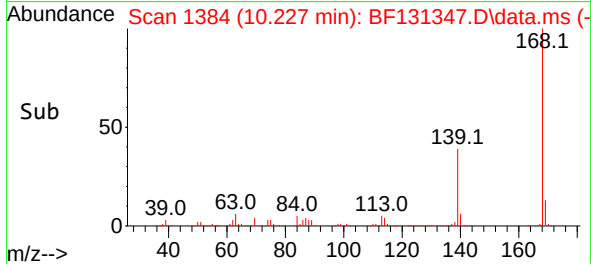
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:168 Resp: 653250
Ion Ratio Lower Upper
168 100
139 39.4 31.7 47.5
169 13.3 10.6 15.8

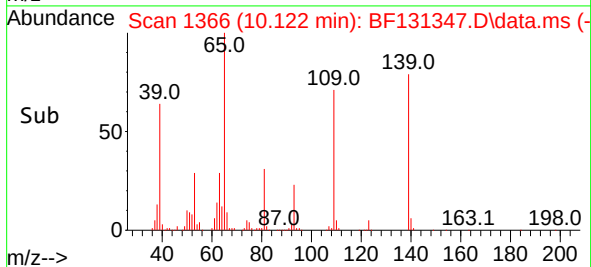
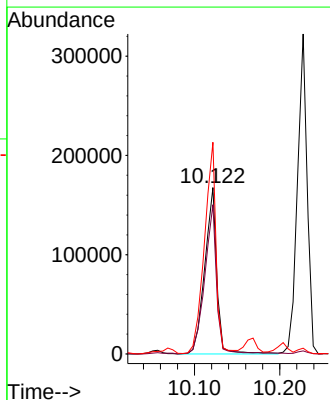
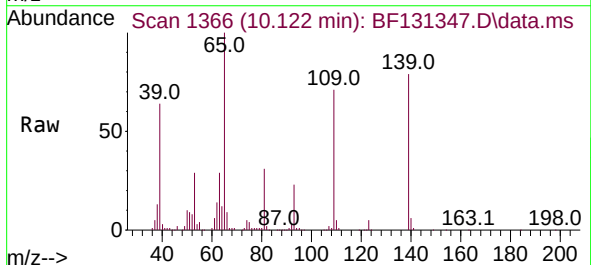
Manual Integrations
APPROVED

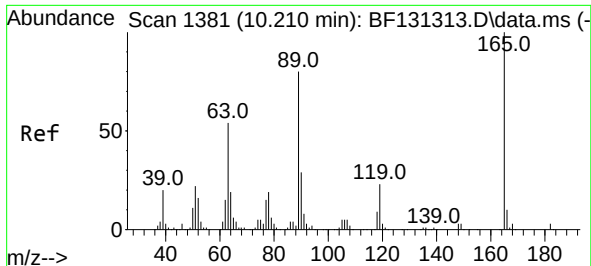
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#56
4-Nitrophenol
Concen: 94.305 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

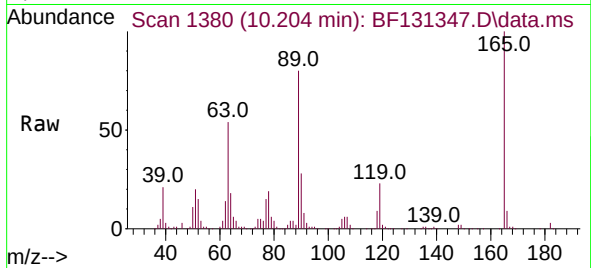
Tgt Ion:139 Resp: 165051
Ion Ratio Lower Upper
139 100
109 89.7 69.6 109.6
65 127.2 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 49.728 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

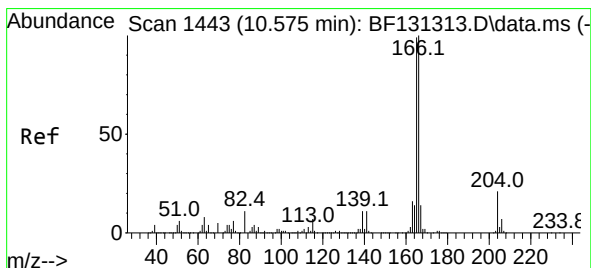
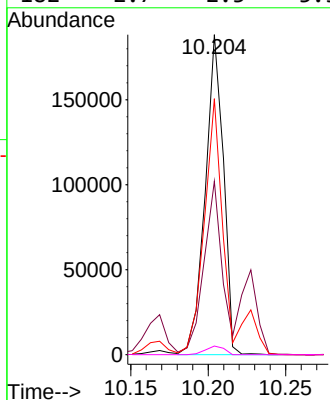
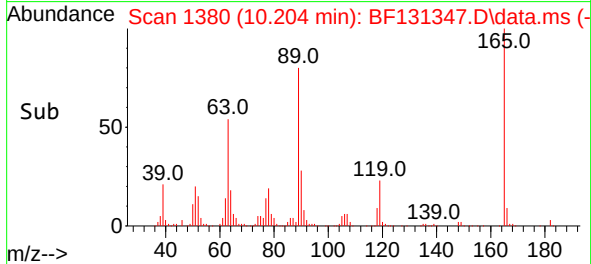
Instrument :
BNA_F
ClientSampleId :
MH-12MS



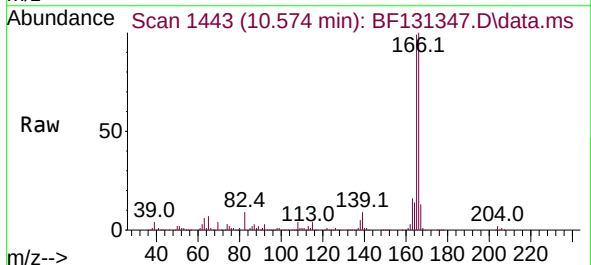
Tgt Ion:165 Resp: 153554
Ion Ratio Lower Upper
165 100
63 54.2 43.4 65.2
89 80.0 64.0 96.0
182 2.7 2.3 3.5

Manual Integrations
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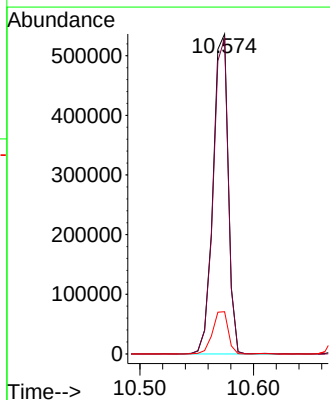
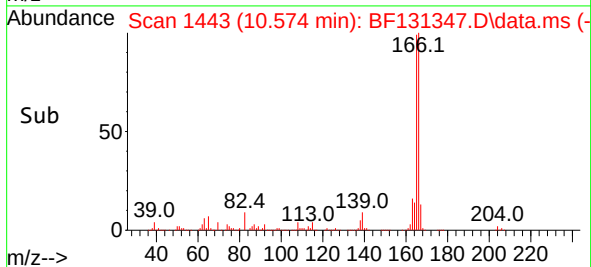
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

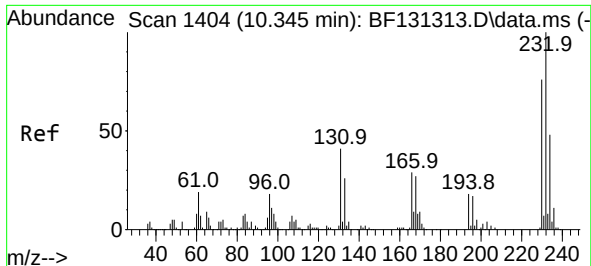


#58
Fluorene
Concen: 43.088 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



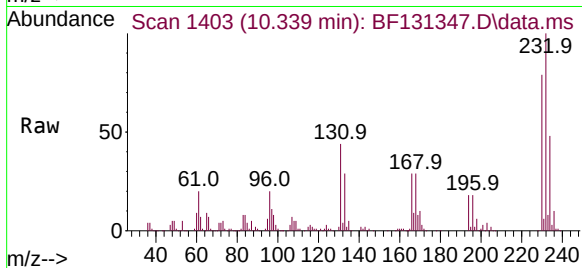
Tgt Ion:166 Resp: 497932
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.376 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

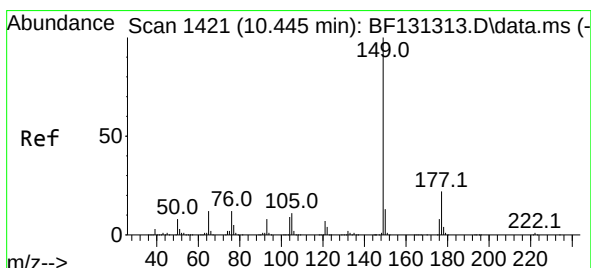
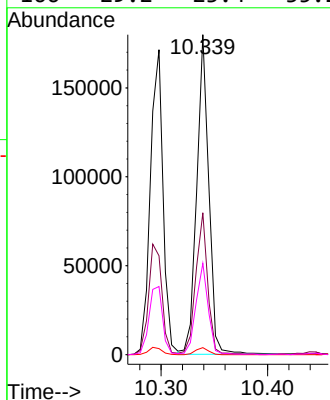
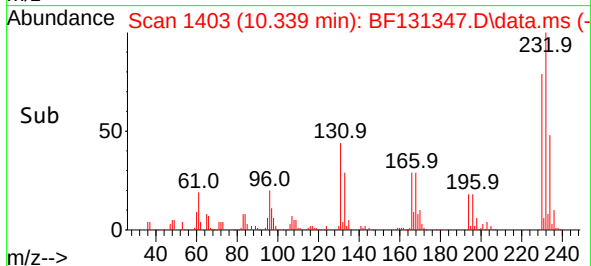
Instrument :
BNA_F
ClientSampleId :
MH-12MS



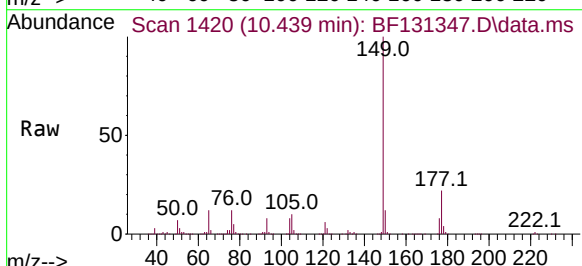
Tgt Ion:232 Resp: 140819
Ion Ratio Lower Upper
232 100
131 43.9 35.2 52.8
130 2.3 1.8 2.8
166 29.2 23.4 35.2

Manual Integrations
APPROVED

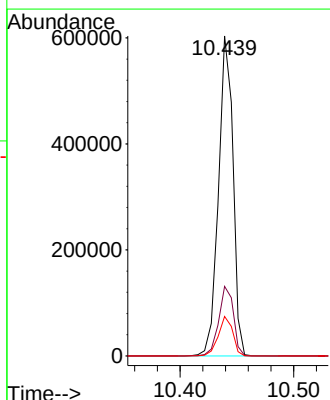
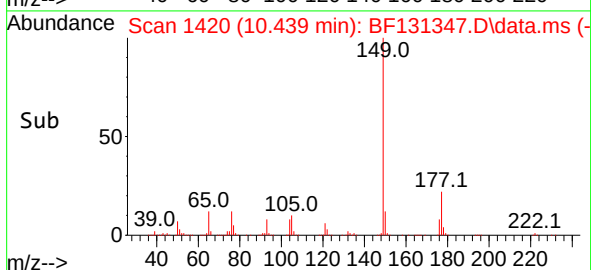
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

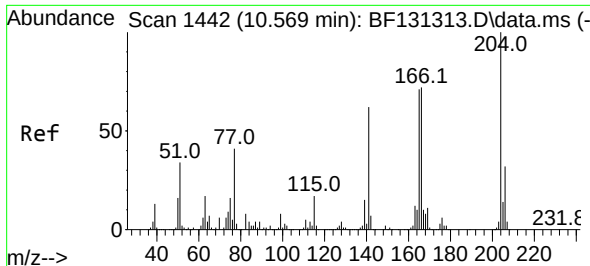


#60
Diethylphthalate
Concen: 46.112 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



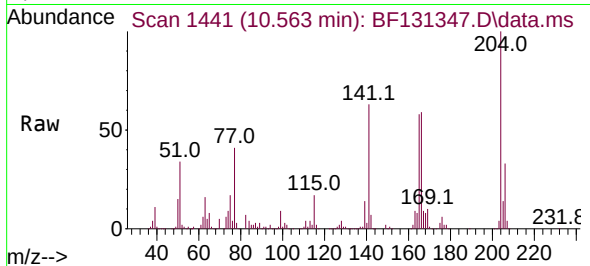
Tgt Ion:149 Resp: 534312
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.476 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

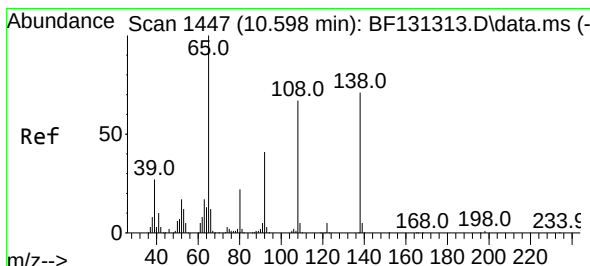
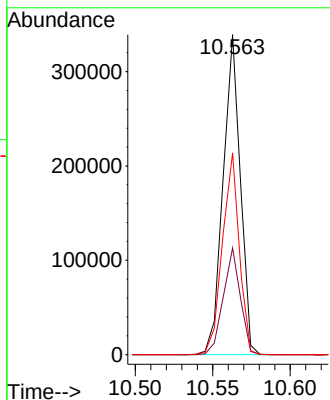
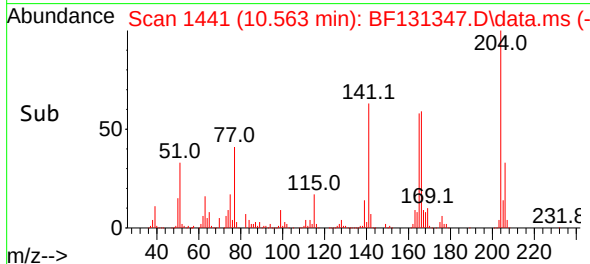
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:204 Resp: 263478
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 63.0 49.2 73.8

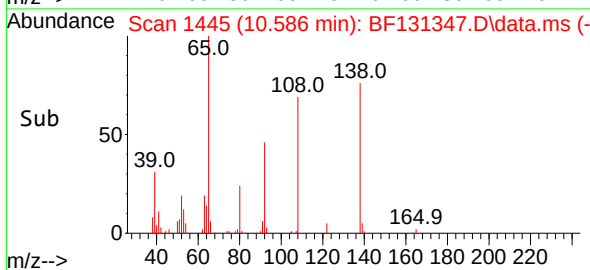
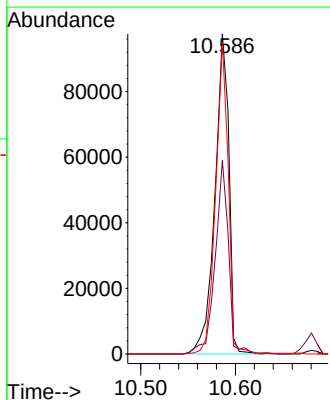
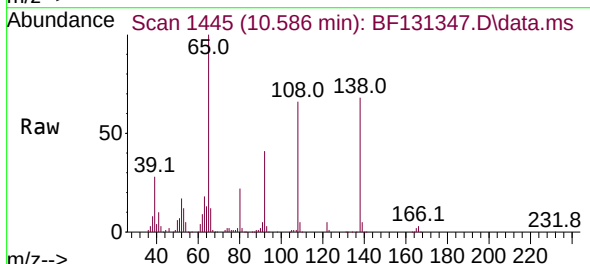
Manual Integrations
APPROVED

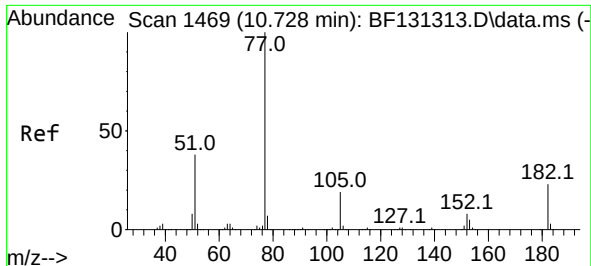
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#62
4-Nitroaniline
Concen: 39.830 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

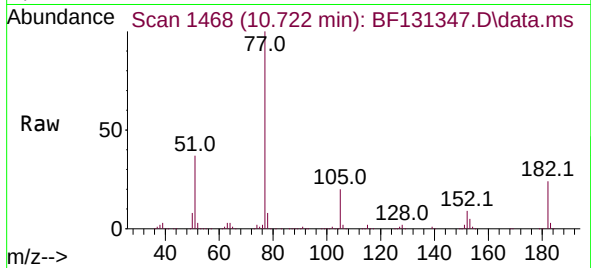
Tgt Ion:138 Resp: 99964
Ion Ratio Lower Upper
138 100
92 60.4 37.0 77.0
108 97.6 74.0 114.0





#63
Azobenzene
Concen: 42.665 ng
RT: 10.722 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

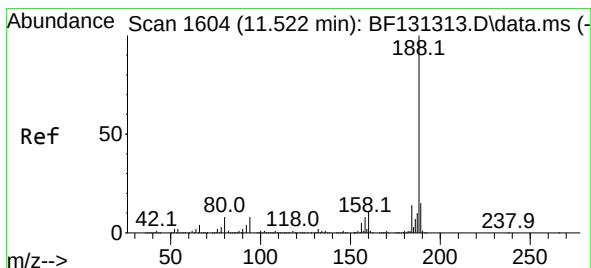
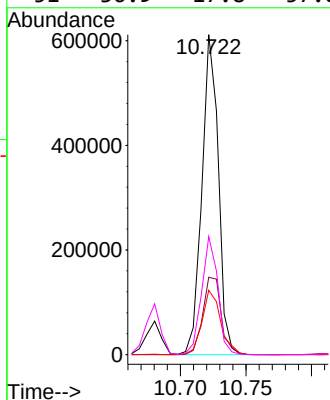
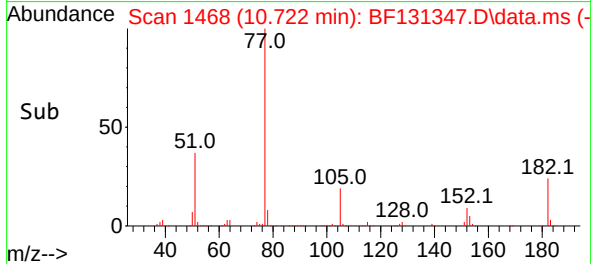
Instrument :
BNA_F
ClientSampleId :
MH-12MS



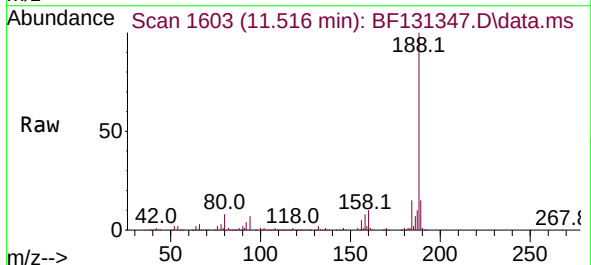
Tgt Ion: 77 Resp: 531572
Ion Ratio Lower Upper
77 100
182 24.2 3.1 43.1
105 20.1 0.0 39.2
51 36.9 17.8 57.8

Manual Integrations
APPROVED

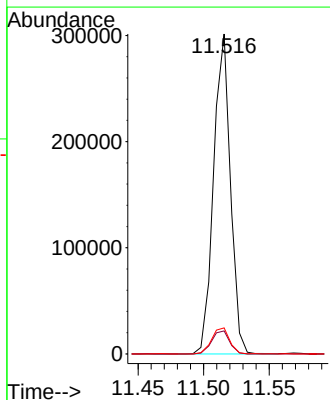
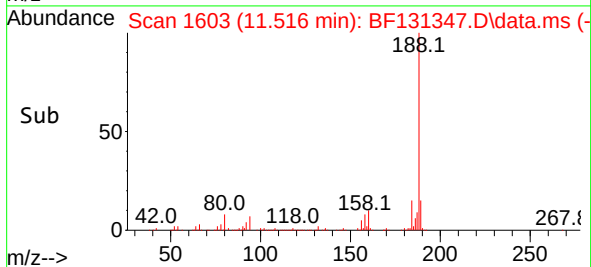
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

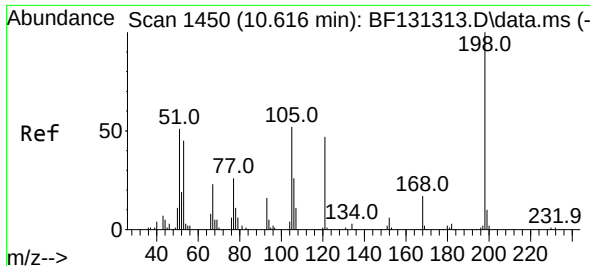


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



Tgt Ion:188 Resp: 269412
Ion Ratio Lower Upper
188 100
94 7.2 6.3 9.5
80 8.1 6.8 10.2





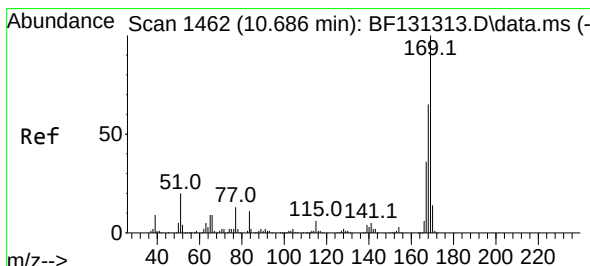
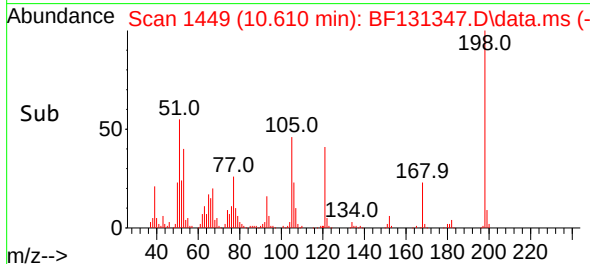
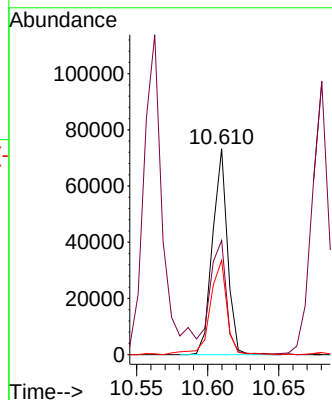
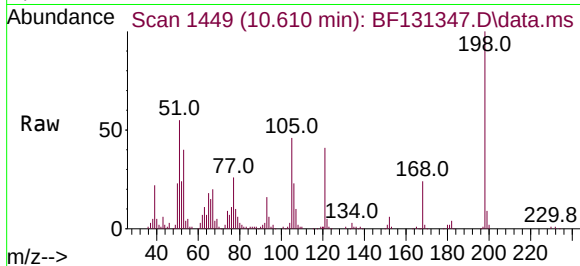
#65
4,6-Dinitro-2-methylphenol
Concen: 46.791 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion:198 Resp: 53679
Ion Ratio Lower Upper
198 100
51 55.5 50.1 90.1
105 45.8 32.5 72.5

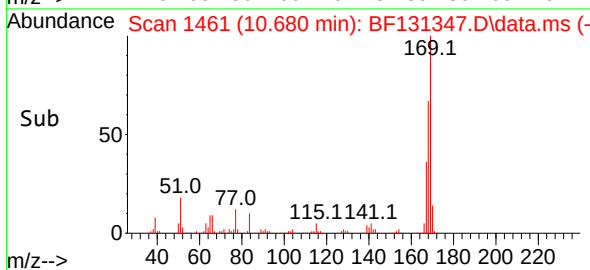
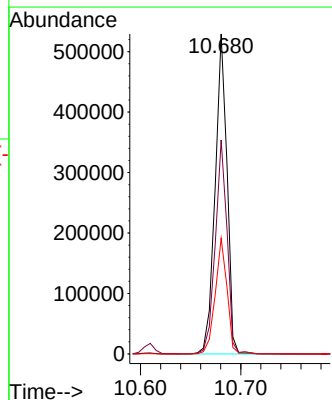
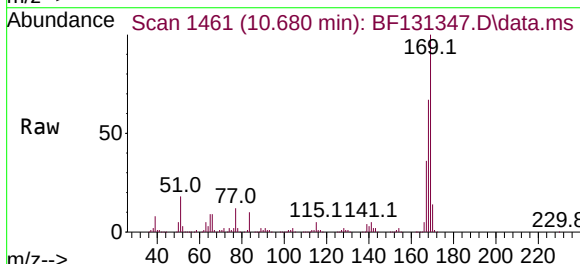
Manual Integrations
APPROVED

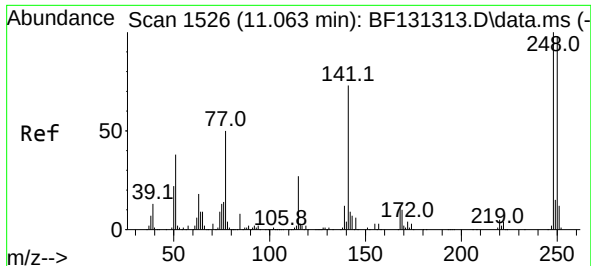
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#66
n-Nitrosodiphenylamine
Concen: 50.642 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

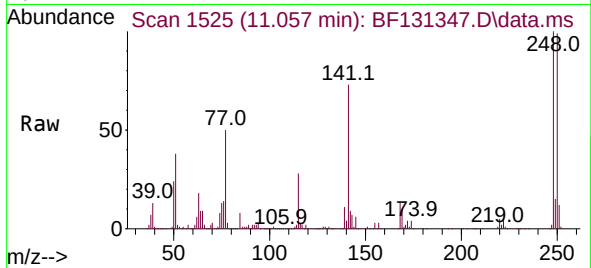
Tgt Ion:169 Resp: 434748
Ion Ratio Lower Upper
169 100
168 66.9 52.4 78.6
167 36.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 49.163 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

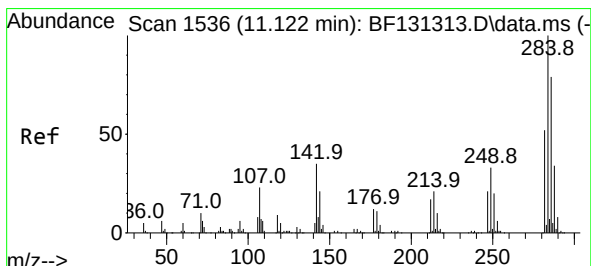
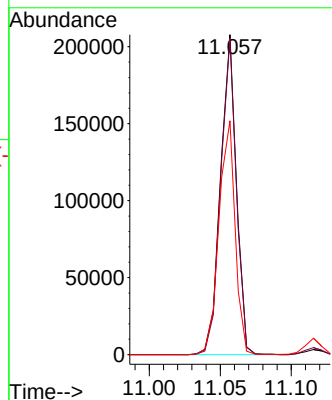
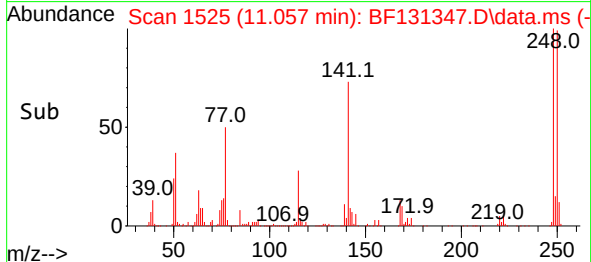
Instrument :
BNA_F
ClientSampleId :
MH-12MS



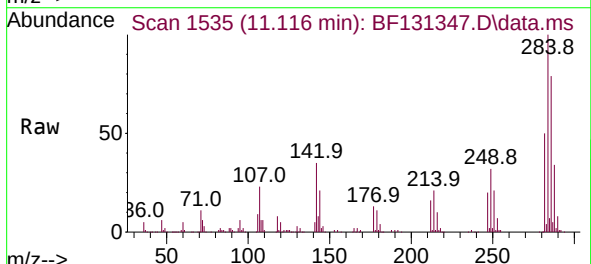
Tgt Ion:248 Resp: 162335
Ion Ratio Lower Upper
248 100
250 98.9 78.3 117.5
141 73.1 58.0 87.0

Manual Integrations
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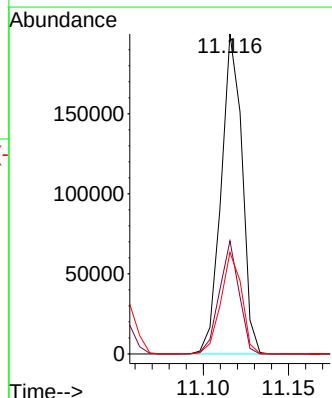
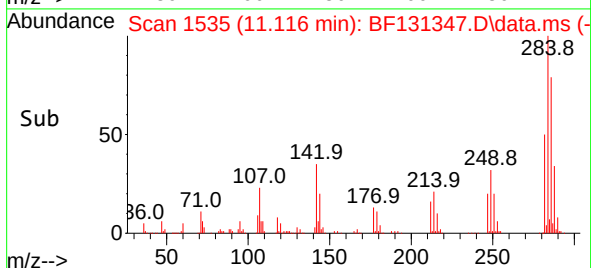
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

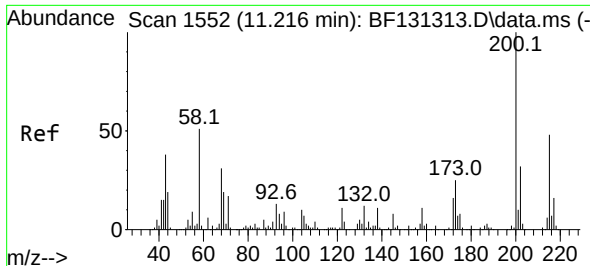


#68
Hexachlorobenzene
Concen: 48.484 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



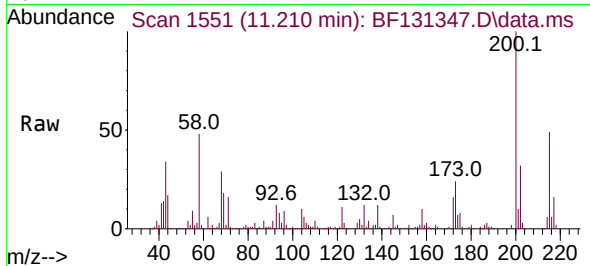
Tgt Ion:284 Resp: 169914
Ion Ratio Lower Upper
284 100
142 35.3 28.4 42.6
249 31.7 26.5 39.7





#69
 Atrazine
 Concen: 55.820 ng
 RT: 11.210 min Scan# 1551
 Delta R.T. -0.006 min
 Lab File: BF131347.D
 Acq: 23 Nov 2022 00:25

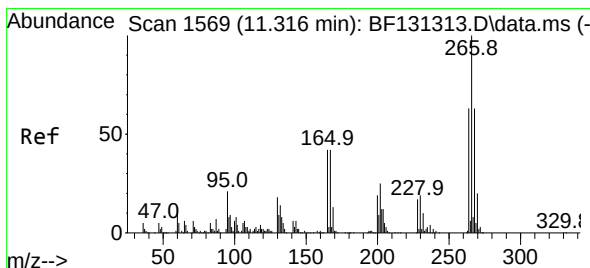
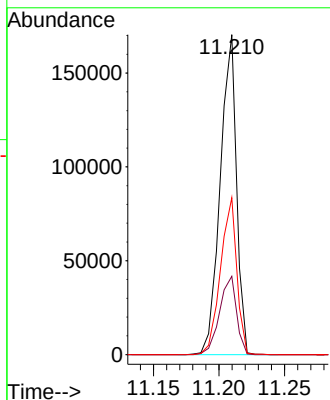
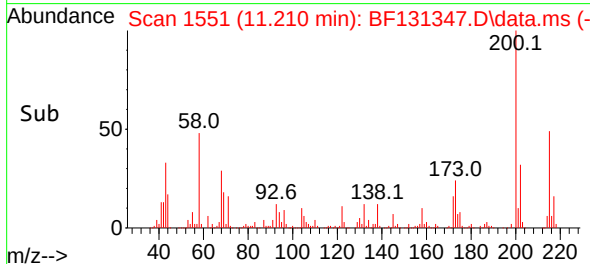
Instrument :
 BNA_F
 ClientSampleId :
 MH-12MS



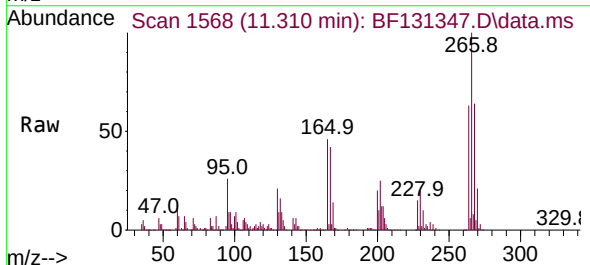
Tgt Ion:200 Resp: 147540
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.2 45.2
 215 49.0 28.3 68.3

Manual Integrations
 APPROVED

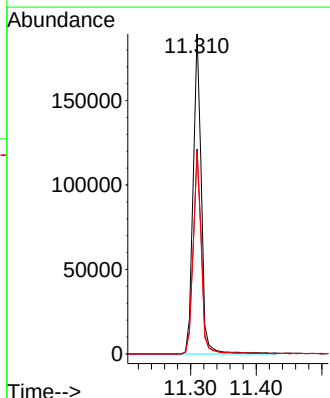
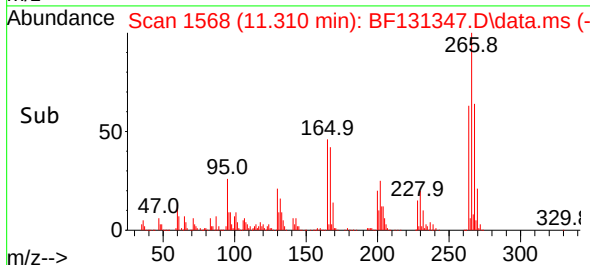
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

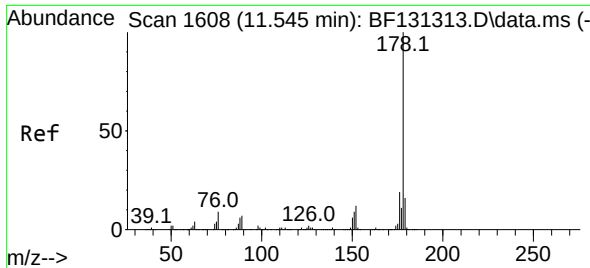


#70
 Pentachlorophenol
 Concen: 80.839 ng
 RT: 11.310 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF131347.D
 Acq: 23 Nov 2022 00:25



Tgt Ion:266 Resp: 164729
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.6 75.8
 264 63.2 50.4 75.6





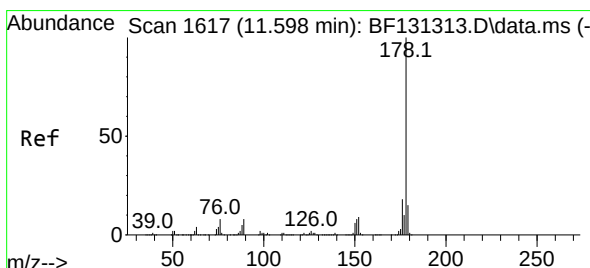
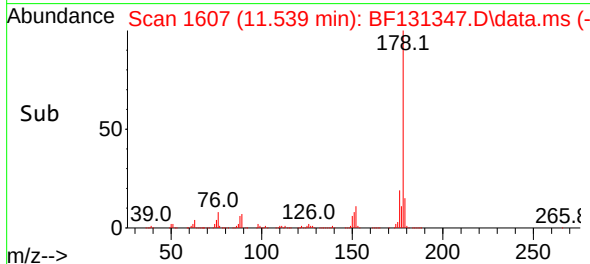
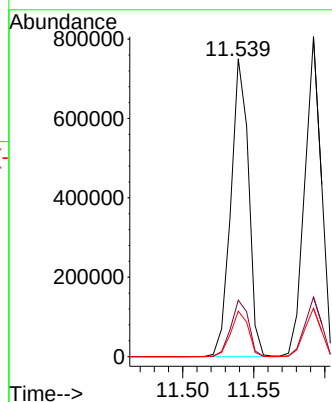
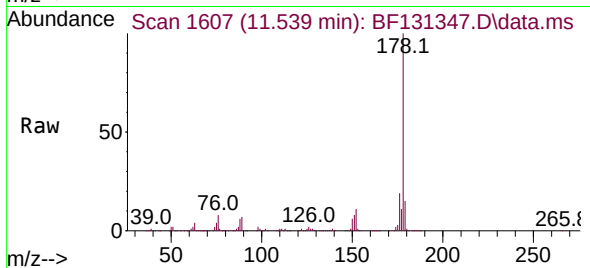
#71
Phenanthrene
Concen: 44.661 ng
RT: 11.539 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion:178 Resp: 650261
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.3 12.4 18.6

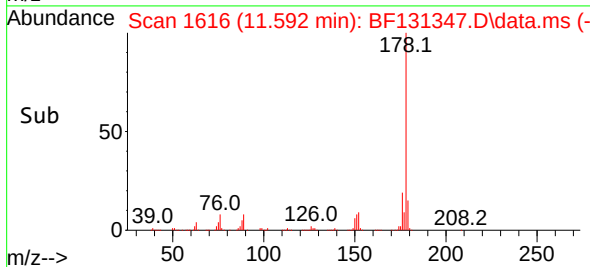
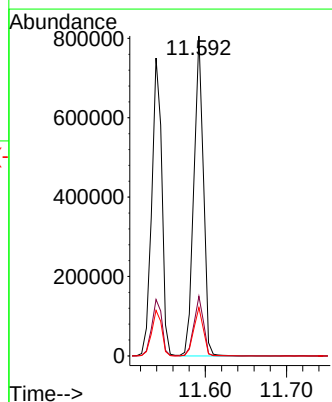
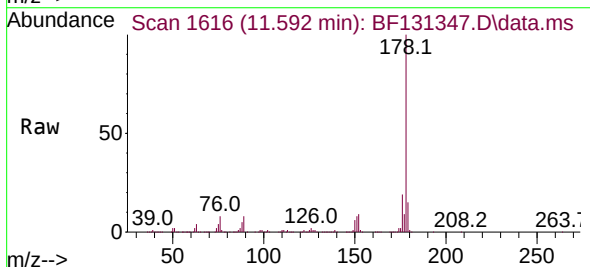
Manual Integrations
APPROVED

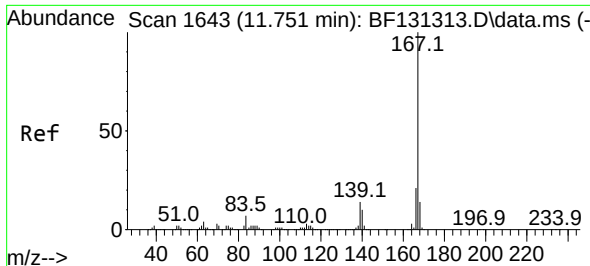
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#72
Anthracene
Concen: 45.791 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

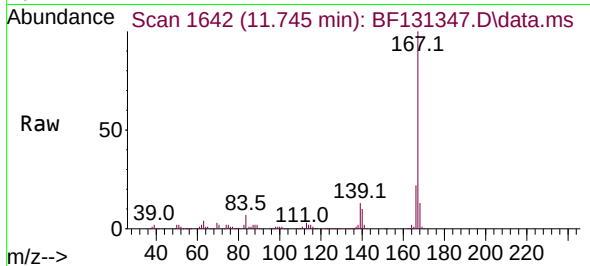
Tgt Ion:178 Resp: 655217
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 44.262 ng
 RT: 11.745 min Scan# 1643
 Delta R.T. -0.006 min
 Lab File: BF131347.D
 Acq: 23 Nov 2022 00:25

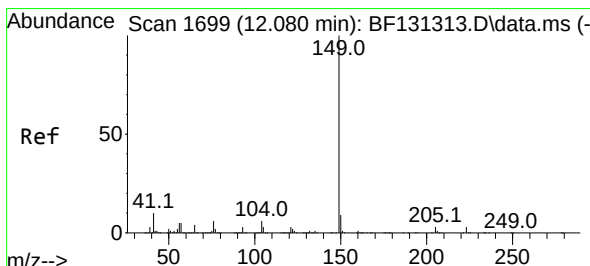
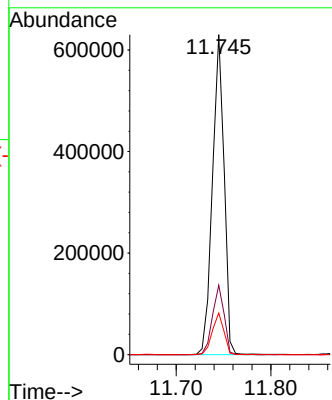
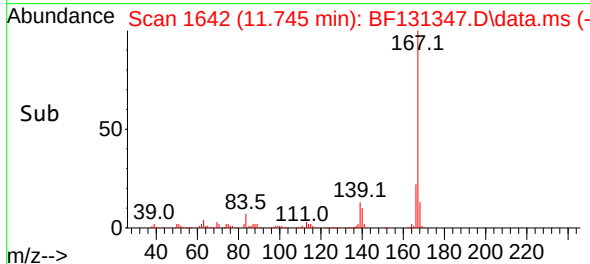
Instrument :
 BNA_F
 ClientSampleId :
 MH-12MS



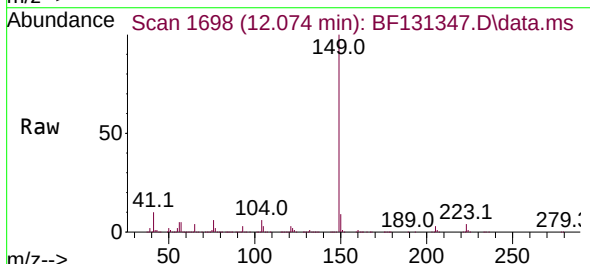
Tgt Ion:167 Resp: 540244
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.0 10.8 16.2

Manual Integrations
 APPROVED

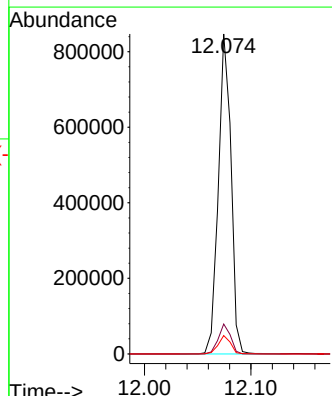
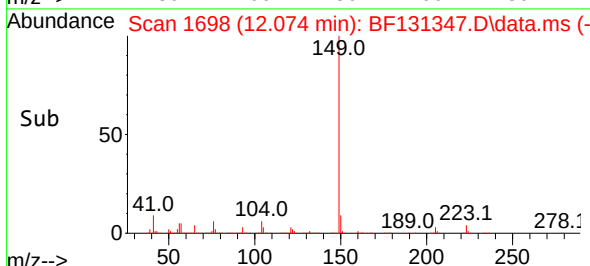
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

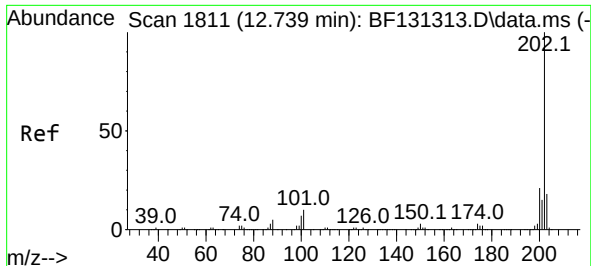


#74
 Di-n-butylphthalate
 Concen: 48.675 ng
 RT: 12.074 min Scan# 1698
 Delta R.T. -0.006 min
 Lab File: BF131347.D
 Acq: 23 Nov 2022 00:25



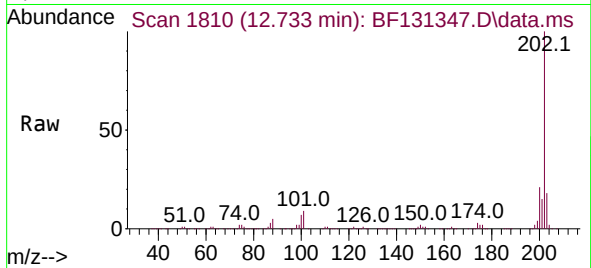
Tgt Ion:149 Resp: 700081
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.7 4.7 7.1





#75
Fluoranthene
Concen: 39.449 ng
RT: 12.733 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

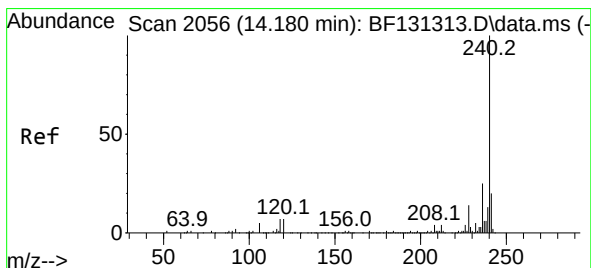
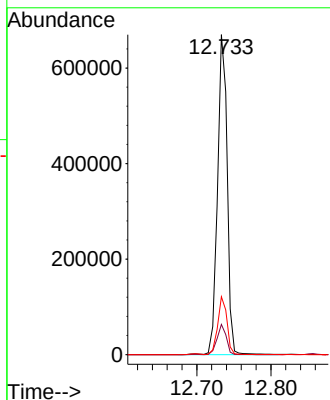
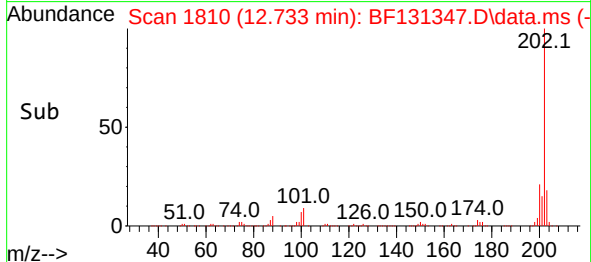
Instrument :
BNA_F
ClientSampleId :
MH-12MS



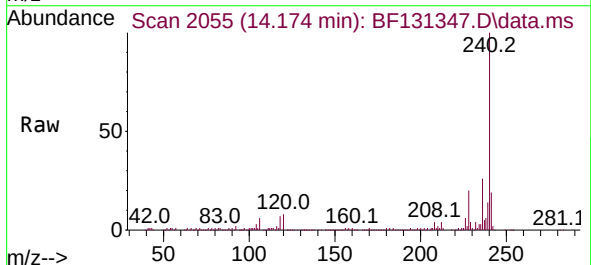
Tgt Ion:202 Resp: 605232
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.6
203 18.1 0.0 37.8

Manual Integrations
APPROVED

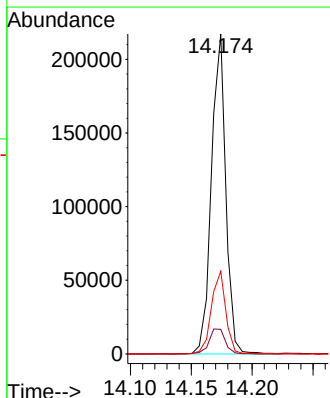
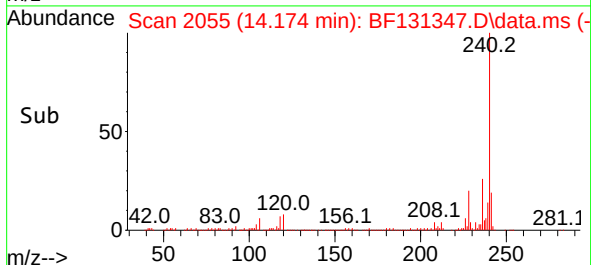
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

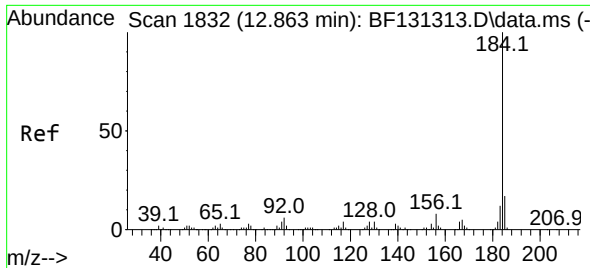


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



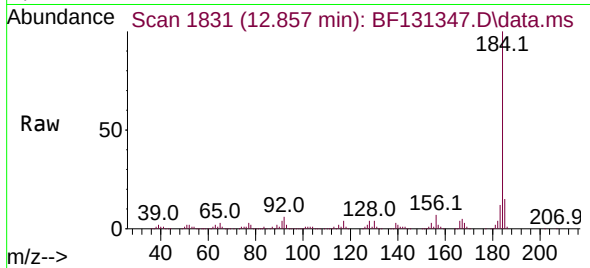
Tgt Ion:240 Resp: 178610
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 25.8 20.3 30.5





#77
Benzidine
Concen: 64.111 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

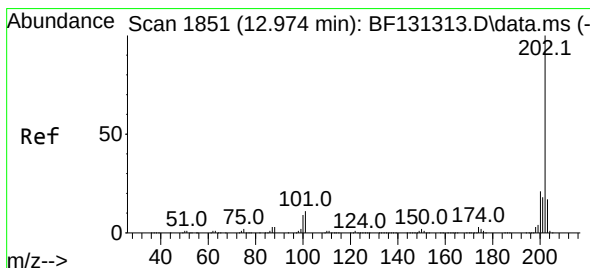
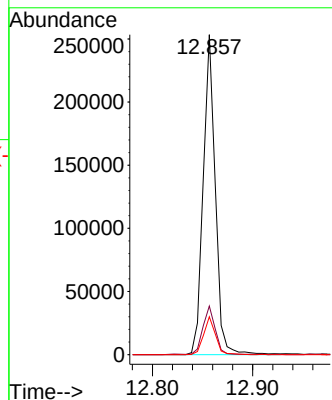
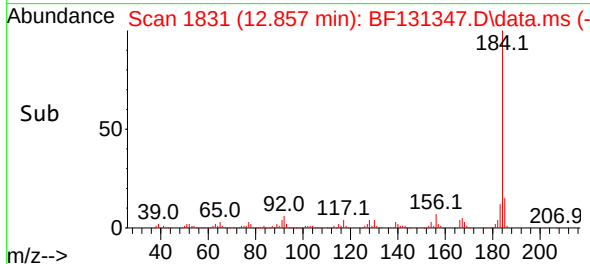
Instrument :
BNA_F
ClientSampleId :
MH-12MS



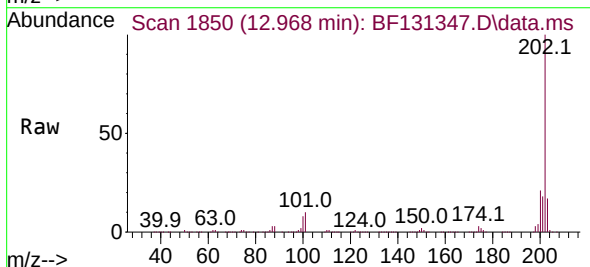
Tgt Ion:184 Resp: 211512
Ion Ratio Lower Upper
184 100
185 15.2 13.8 20.8
183 11.8 9.6 14.4

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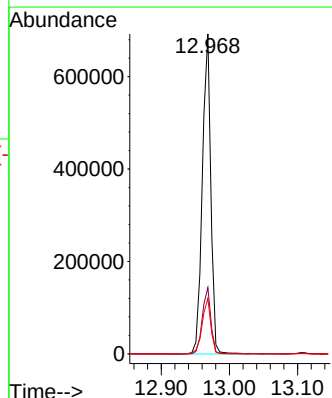
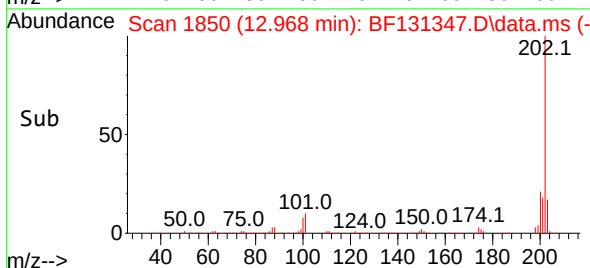
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

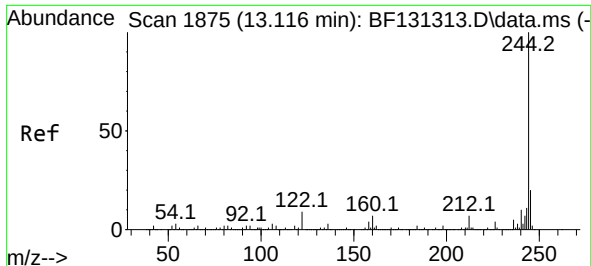


#78
Pyrene
Concen: 38.033 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



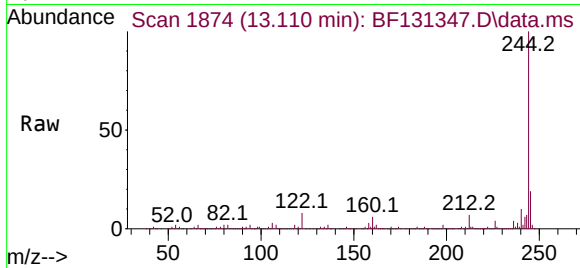
Tgt Ion:202 Resp: 599348
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.3 13.9 20.9





#79
Terphenyl-d14
Concen: 59.583 ng
RT: 13.110 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

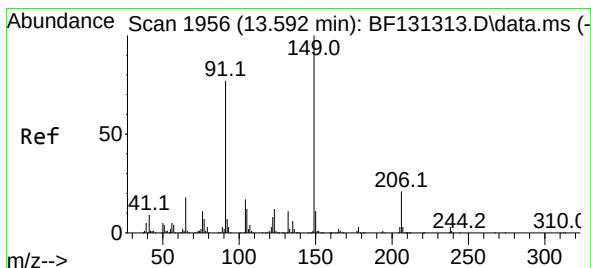
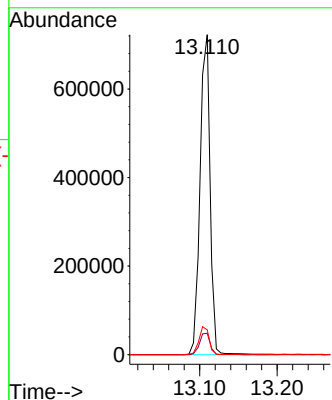
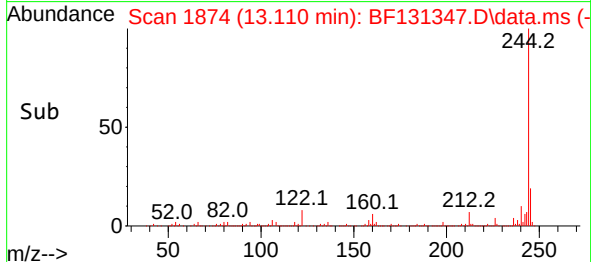
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:244 Resp: 650789
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.7 7.5 11.3

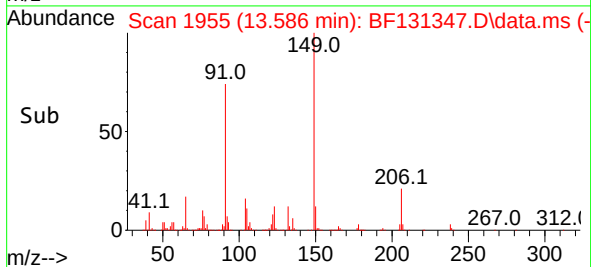
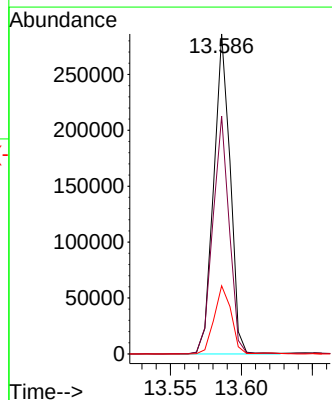
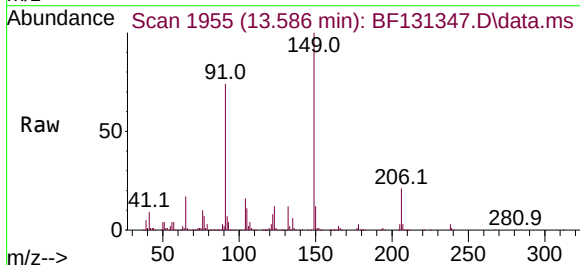
Manual Integrations
APPROVED

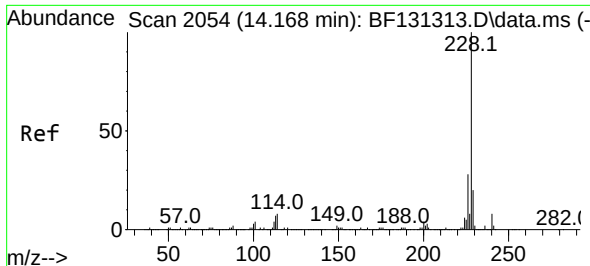
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#80
Butylbenzylphthalate
Concen: 43.905 ng
RT: 13.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

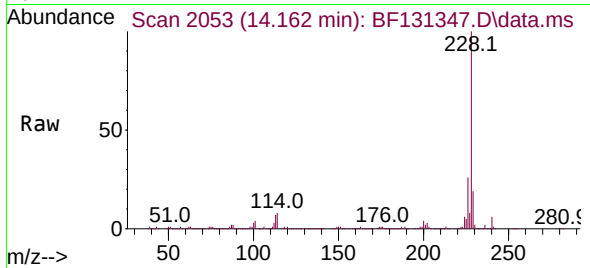
Tgt Ion:149 Resp: 230720
Ion Ratio Lower Upper
149 100
91 74.3 61.9 92.9
206 21.3 16.5 24.7





#81
Benzo(a)anthracene
Concen: 45.984 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

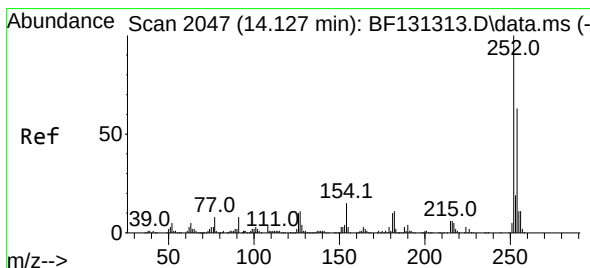
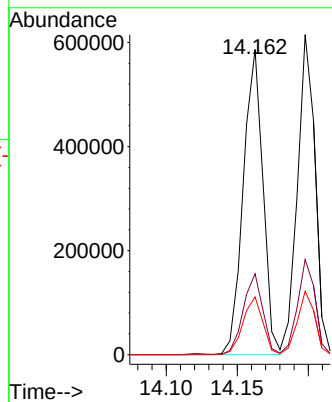
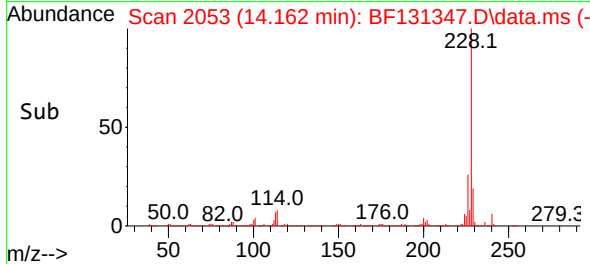
Instrument :
BNA_F
ClientSampleId :
MH-12MS



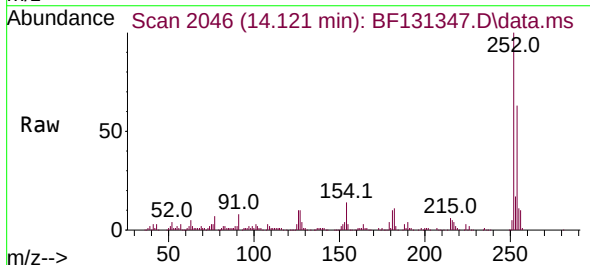
Tgt Ion:228 Resp: 56297
Ion Ratio Lower Upper
228 100
226 26.5 22.0 33.0
229 18.9 15.7 23.5

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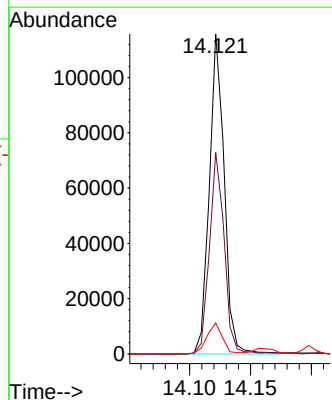
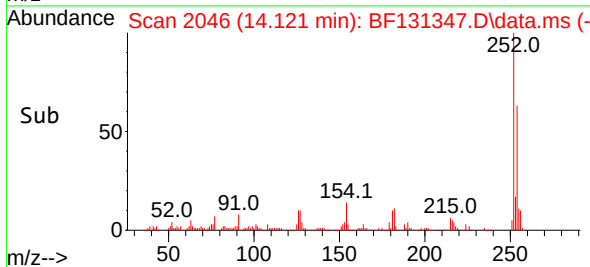
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

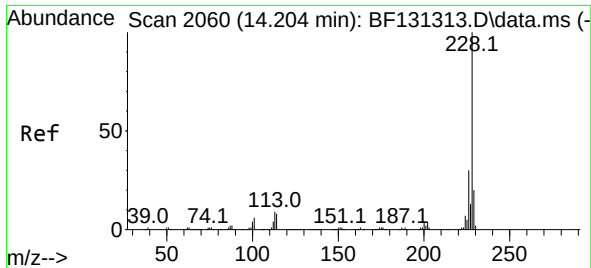


#82
3,3'-Dichlorobenzidine
Concen: 30.351 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



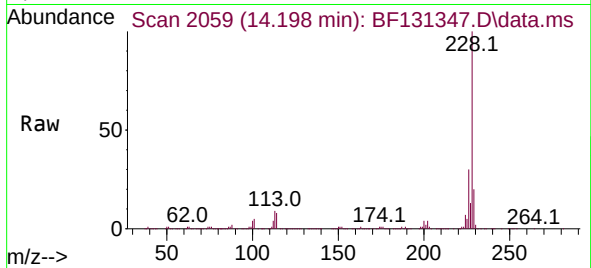
Tgt Ion:252 Resp: 98603
Ion Ratio Lower Upper
252 100
254 62.9 50.8 76.2
126 9.7 8.3 12.5





#83
Chrysene
Concen: 44.368 ng
RT: 14.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

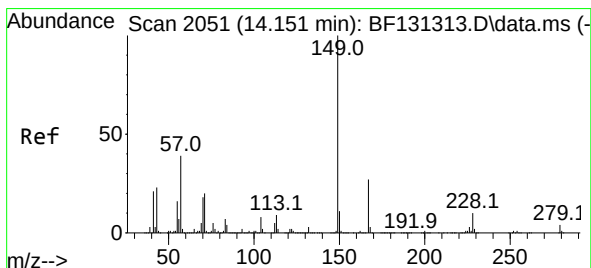
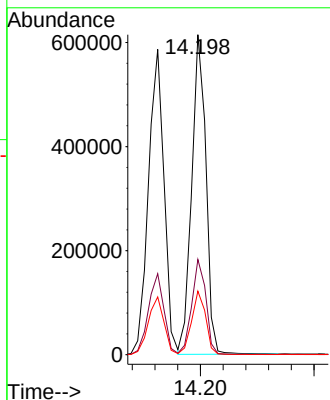
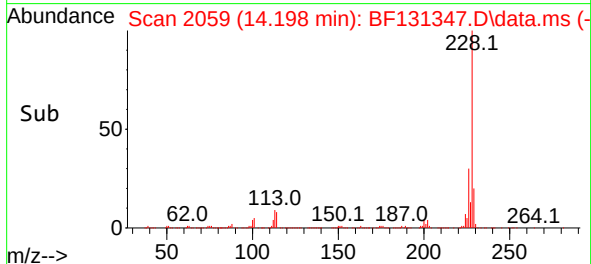
Instrument :
BNA_F
ClientSampleId :
MH-12MS



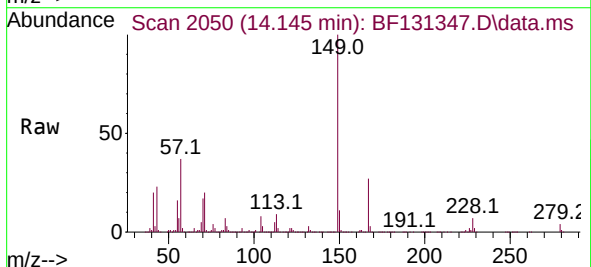
Tgt Ion:228 Resp: 532922
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 19.8 16.2 24.4

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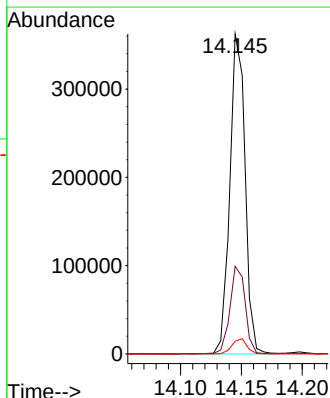
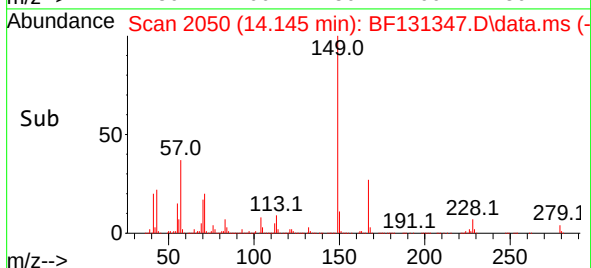
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

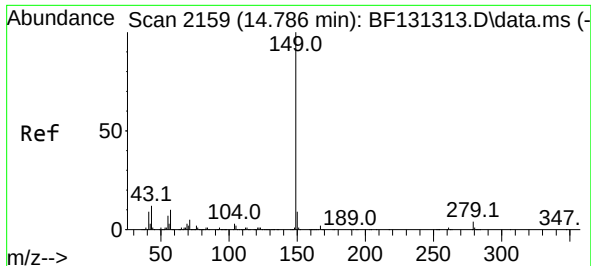


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.245 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25



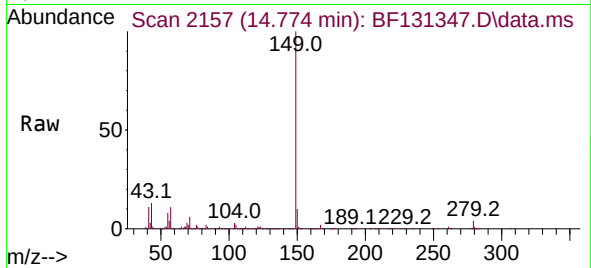
Tgt Ion:149 Resp: 316693
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 54.388 ng
RT: 14.774 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

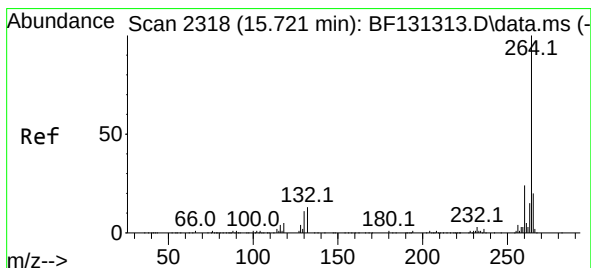
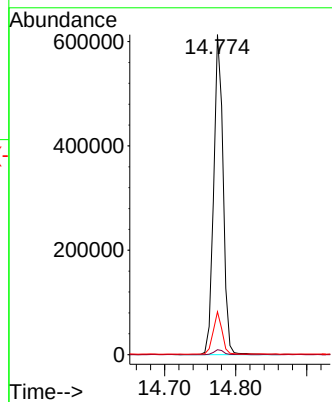
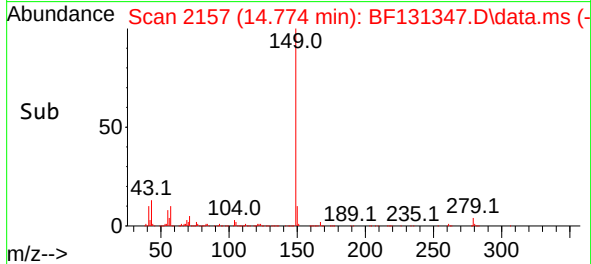
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:149 Resp: 565705
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.6 10.7 16.1

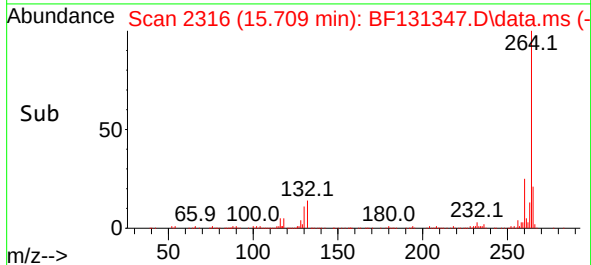
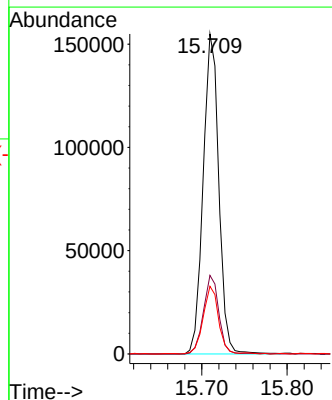
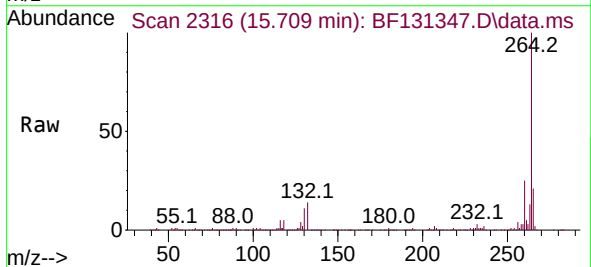
Manual Integrations
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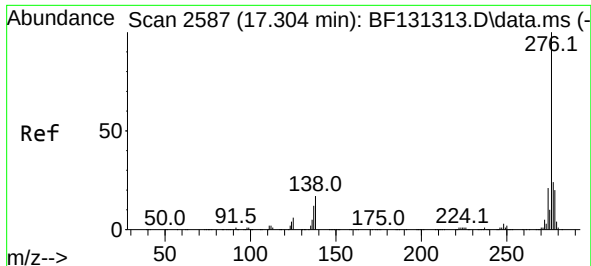
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.709 min Scan# 2316
Delta R.T. -0.012 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

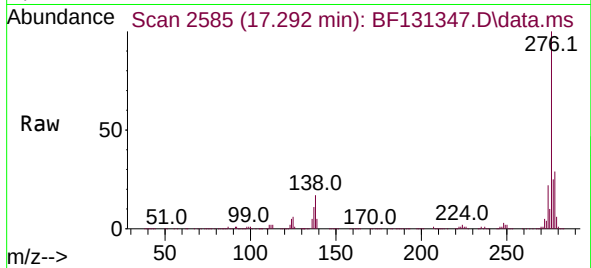
Tgt Ion:264 Resp: 197393
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.4
265 21.1 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.788 ng
RT: 17.292 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

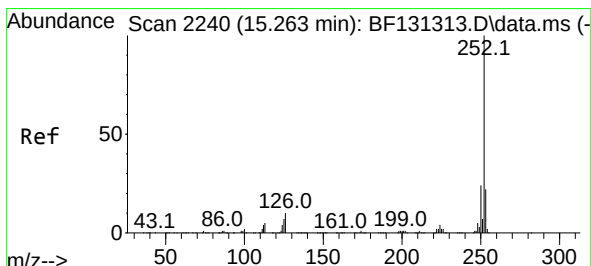
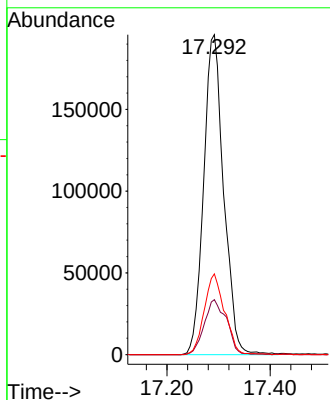
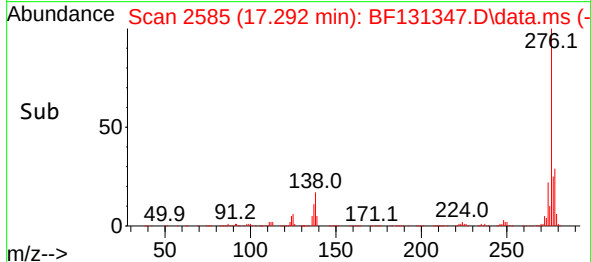
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:276 Resp: 527497
Ion Ratio Lower Upper
276 100
138 19.1 15.8 23.6
277 25.6 20.3 30.5

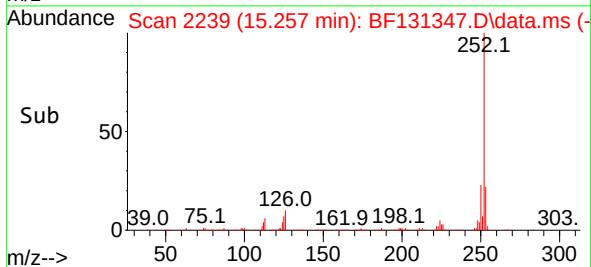
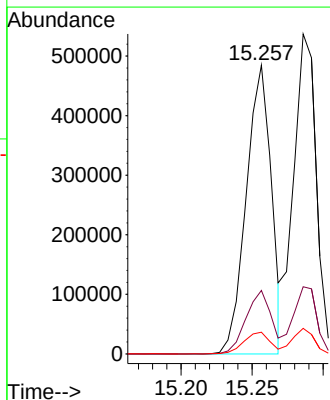
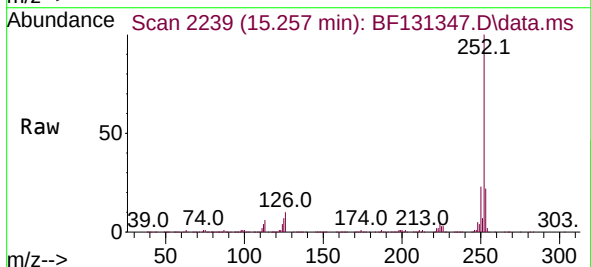
Manual Integrations
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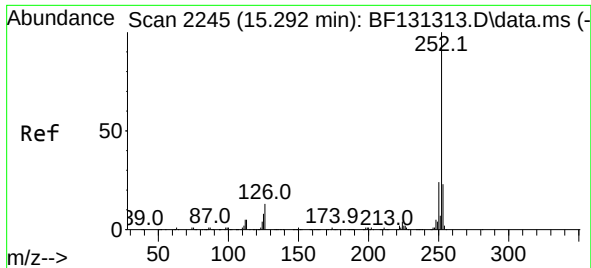
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#88
Benzo(b)fluoranthene
Concen: 45.493 ng
RT: 15.257 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

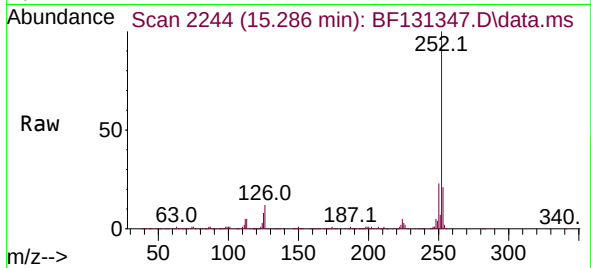
Tgt Ion:252 Resp: 596563
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.5 5.8 8.6





#89
Benzo(k)fluoranthene
Concen: 44.790 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

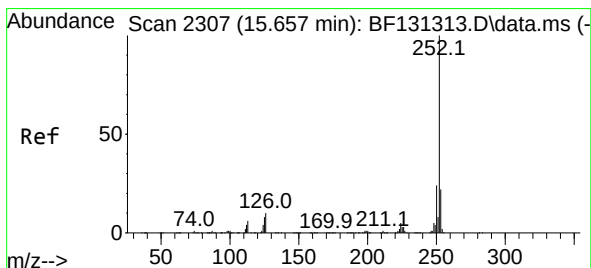
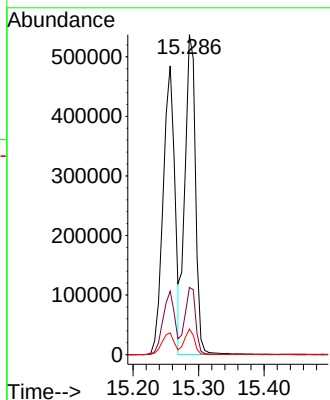
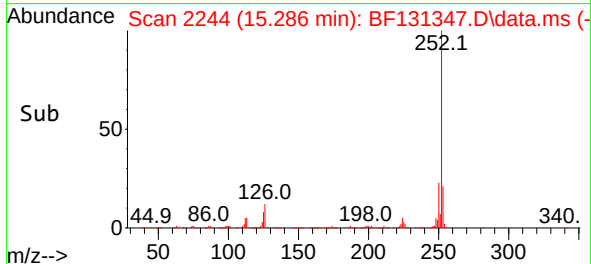
Instrument :
BNA_F
ClientSampleId :
MH-12MS



Tgt Ion:252 Resp: 603582
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 8.0 6.6 10.0

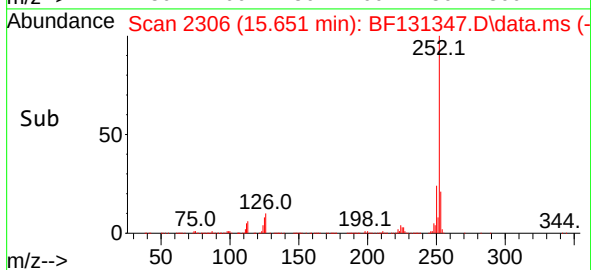
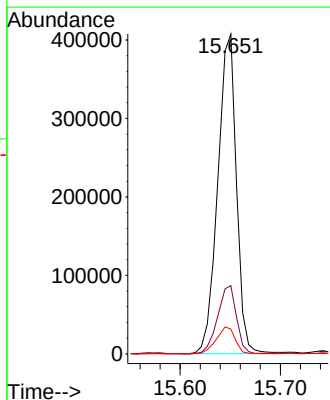
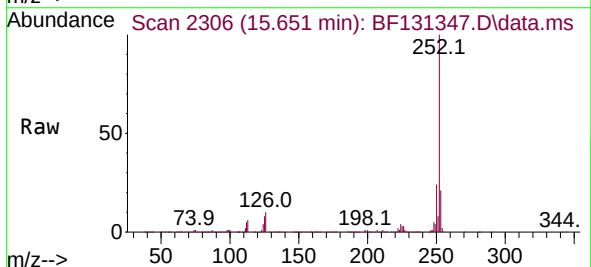
Manual Integrations
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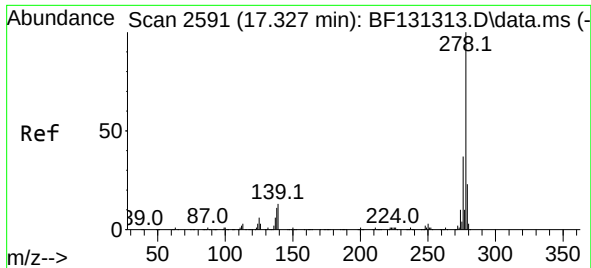
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#90
Benzo(a)pyrene
Concen: 49.085 ng
RT: 15.651 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Tgt Ion:252 Resp: 528146
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 7.8 6.1 9.1





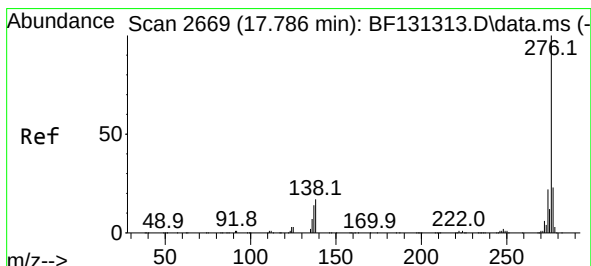
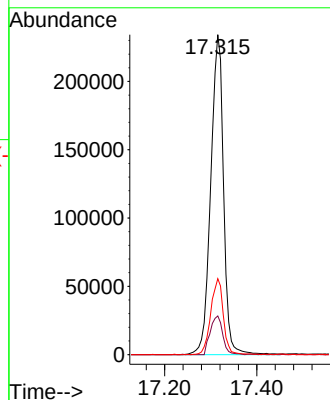
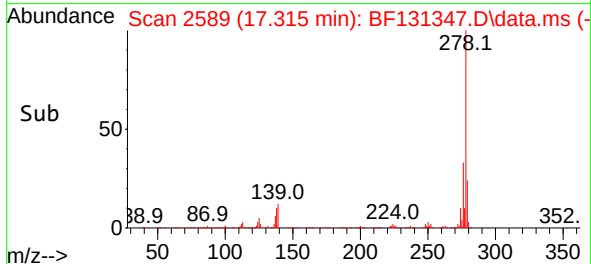
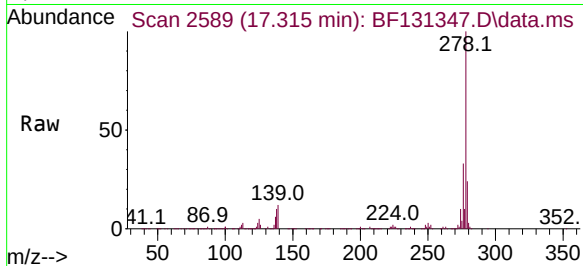
#91
Dibenzo(a,h)anthracene
Concen: 41.138 ng
RT: 17.315 min Scan# 2589
Delta R.T. -0.012 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Tgt Ion:278 Resp: 450283
Ion Ratio Lower Upper
278 100
139 12.1 10.4 15.6
279 23.7 18.3 27.5

Manual Integrations
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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#92
Benzo(g,h,i)perylene
Concen: 36.989 ng
RT: 17.768 min Scan# 2666
Delta R.T. -0.018 min
Lab File: BF131347.D
Acq: 23 Nov 2022 00:25

Tgt Ion:276 Resp: 404090
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 15.9 13.8 20.6

