

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130063.D
 Acq On : 31 Aug 2022 21:41
 Operator : CG\JU
 Sample : PB147308BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147308BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/01/2022
 Supervised By : Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 03:32:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	244644	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	1002953	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	520077	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	851193	20.000	ng	0.00
76) Chrysene-d12	13.851	240	481528	20.000	ng	# 0.00
86) Perylene-d12	15.251	264	422869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1892692	131.339	ng	0.01
7) Phenol-d6	6.345	99	2332722	129.841	ng	0.00
23) Nitrobenzene-d5	7.275	82	1424693	91.290	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	639577	135.099	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2460708	78.445	ng	0.00
79) Terphenyl-d14	12.810	244	2511098	90.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.446	88	245406	36.439	ng	95
3) Pyridine	3.146	79	661129	36.609	ng	92
4) n-Nitrosodimethylamine	3.099	42	330494	46.535	ng	82
6) Aniline	6.369	93	984993	43.730	ng	# 51
8) 2-Chlorophenol	6.492	128	787137	49.765	ng	97
9) Benzaldehyde	6.257	77	359491	32.691	ng	94
10) Phenol	6.357	94	900030	44.320	ng	# 67
11) bis(2-Chloroethyl)ether	6.451	93	747254	48.430	ng	99
12) 1,3-Dichlorobenzene	6.645	146	795826	45.388	ng	97
13) 1,4-Dichlorobenzene	6.722	146	801276	45.367	ng	98
14) 1,2-Dichlorobenzene	6.875	146	768941	47.894	ng	98
15) Benzyl Alcohol	6.857	79	502132m	41.466	ng	
16) 2,2'-oxybis(1-Chloropr...	6.987	45	987460	47.090	ng	# 52
17) 2-Methylphenol	6.963	107	624516	46.930	ng	# 86
18) Hexachloroethane	7.216	117	304224	47.700	ng	98
19) n-Nitroso-di-n-propyla...	7.134	70	492622	45.514	ng	91
20) 3+4-Methylphenols	7.122	107	670502	42.966	ng	# 72
22) Acetophenone	7.122	105	969608	43.272	ng	# 93
24) Nitrobenzene	7.292	77	762952	45.968	ng	99
25) Isophorone	7.539	82	1436240	45.469	ng	97
26) 2-Nitrophenol	7.610	139	387501	49.576	ng	90
27) 2,4-Dimethylphenol	7.645	122	670193	50.566	ng	97
28) bis(2-Chloroethoxy)met...	7.745	93	904504	47.670	ng	98
29) 2,4-Dichlorophenol	7.845	162	619751	43.715	ng	100
30) 1,2,4-Trichlorobenzene	7.928	180	635017	42.480	ng	98
31) Naphthalene	8.010	128	2128856	42.085	ng	99
32) Benzoic acid	7.786	122	524634	48.414	ng	98
33) 4-Chloroaniline	8.063	127	772154	37.783	ng	97
34) Hexachlorobutadiene	8.128	225	361768	42.257	ng	99
35) Caprolactam	8.445	113	193661m	44.081	ng	
36) 4-Chloro-3-methylphenol	8.545	107	644686	44.939	ng	95
37) 2-Methylnaphthalene	8.698	142	1372572	42.123	ng	99
38) 1-Methylnaphthalene	8.798	142	1314614	41.507	ng	98
40) 1,2,4,5-Tetrachloroben...	8.869	216	565911	41.729	ng	98
41) Hexachlorocyclopentadiene	8.857	237	730276	103.038	ng	98
43) 2,4,6-Trichlorophenol	8.981	196	413295	42.695	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	454900	43.356	ng	97
46) 1,1'-Biphenyl	9.169	154	1593012	42.161	ng	99
47) 2-Chloronaphthalene	9.192	162	1260054	41.622	ng	99
48) 2-Nitroaniline	9.286	65	378277	50.706	ng	91
49) Acenaphthylene	9.604	152	1944033	42.288	ng	100
50) Dimethylphthalate	9.475	163	1501265	42.380	ng	99
51) 2,6-Dinitrotoluene	9.533	165	341355	49.425	ng	92
52) Acenaphthene	9.775	154	1326884m	45.798	ng	
53) 3-Nitroaniline	9.704	138	323774	40.843	ng	92
54) 2,4-Dinitrophenol	9.804	184	298004	93.519	ng	93
55) Dibenzofuran	9.945	168	1731240	41.730	ng	98
56) 4-Nitrophenol	9.863	139	561801	91.923	ng	93
57) 2,4-Dinitrotoluene	9.933	165	414414	52.117	ng	# 89
58) Fluorene	10.292	166	1261317	39.957	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	352188	43.217	ng	# 80
60) Diethylphthalate	10.175	149	1466268	42.786	ng	100
61) 4-Chlorophenyl-phenyle...	10.280	204	580597	41.607	ng	96
62) 4-Nitroaniline	10.322	138	361202	46.851	ng	91
63) Azobenzene	10.445	77	1415647	41.956	ng	94
65) 4,6-Dinitro-2-methylph...	10.339	198	175867	44.408	ng	94
66) n-Nitrosodiphenylamine	10.404	169	1220924	42.908	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	413454	43.669	ng	# 90
68) Hexachlorobenzene	10.827	284	442109	42.855	ng	99
69) Atrazine	10.939	200	381987	47.452	ng	99
70) Pentachlorophenol	11.027	266	518427	89.867	ng	96
71) Phenanthrene	11.245	178	1866061	40.425	ng	98
72) Anthracene	11.298	178	1938335	42.715	ng	99
73) Carbazole	11.457	167	1803050	43.088	ng	99
74) Di-n-butylphthalate	11.792	149	2173134	43.067	ng	100
75) Fluoranthene	12.427	202	1886432	41.211	ng	95
77) Benzidine	12.557	184	1068700	82.203	ng	99
78) Pyrene	12.657	202	1921642	44.492	ng	99
80) Butylbenzylphthalate	13.286	149	861530	50.150	ng	99
81) Benzo(a)anthracene	13.839	228	1415399	42.892	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	445960	43.336	ng	99
83) Chrysene	13.880	228	1390795	42.748	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1029318	48.203	ng	100
85) Di-n-octyl phthalate	14.457	149	1693352	50.202	ng	98
87) Indeno(1,2,3-cd)pyrene	16.598	276	1264384	45.328	ng	# 94
88) Benzo(b)fluoranthene	14.857	252	1293430	45.867	ng	98
89) Benzo(k)fluoranthene	14.886	252	1205225	44.191	ng	98
90) Benzo(a)pyrene	15.192	252	1070893	47.791	ng	# 96
91) Dibenzo(a,h)anthracene	16.627	278	1098404	48.123	ng	# 97
92) Benzo(g,h,i)perylene	17.015	276	1088690	47.673	ng	# 93

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

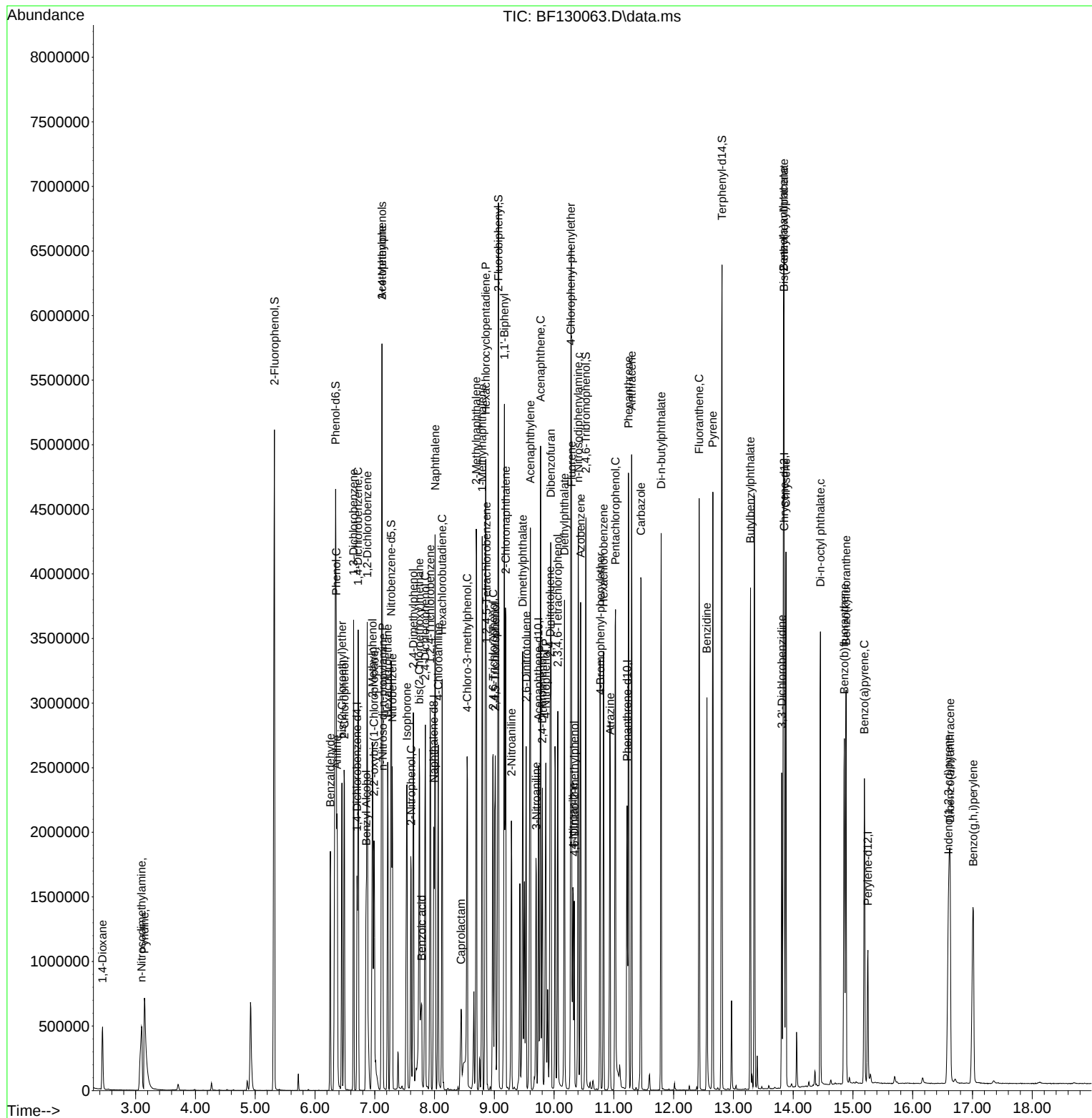
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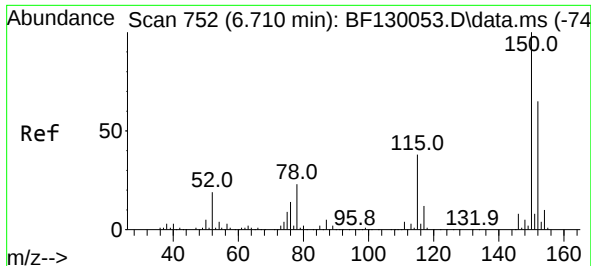
Instrument :
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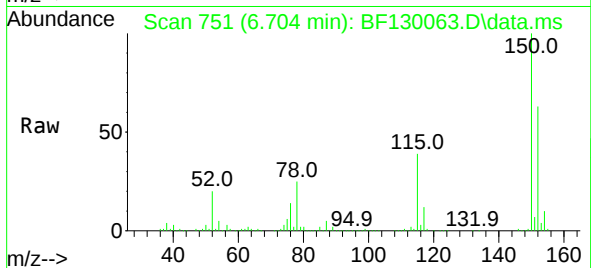
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

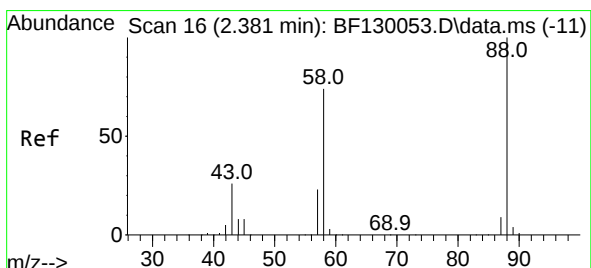
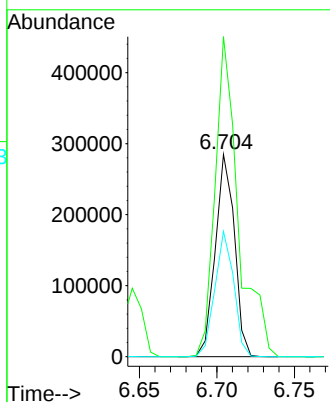
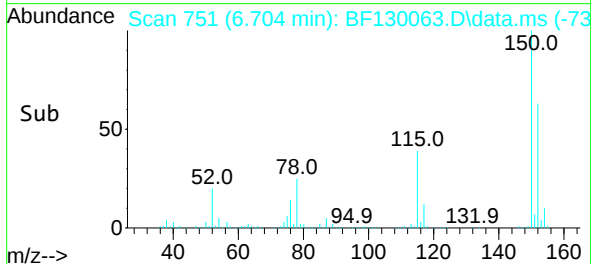
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ClientSampleId :
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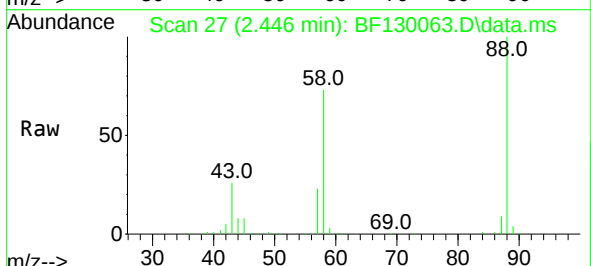
Tgt Ion:152 Resp: 244644
Ion Ratio Lower Upper
152 100
150 158.2 126.9 190.3
115 62.0 53.4 80.0

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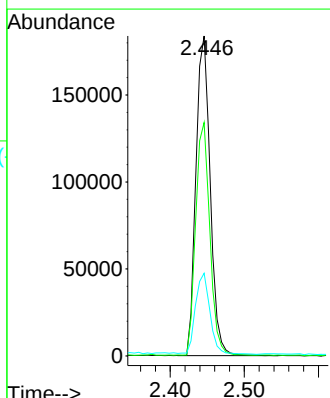
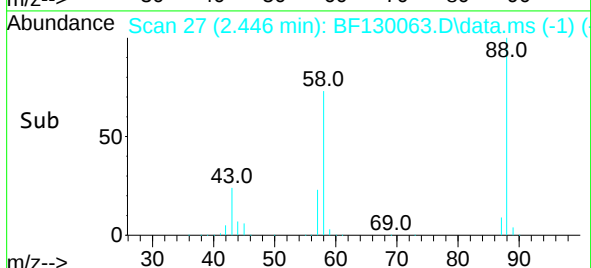
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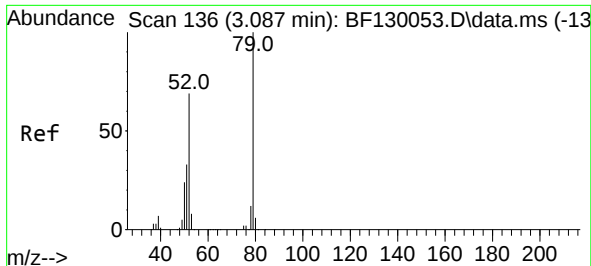


#2
1,4-Dioxane
Concen: 36.439 ng
RT: 2.446 min Scan# 27
Delta R.T. 0.065 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



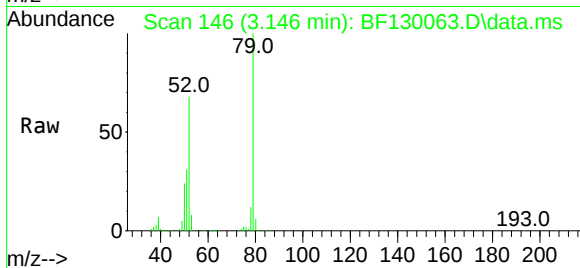
Tgt Ion: 88 Resp: 245406
Ion Ratio Lower Upper
88 100
58 72.1 60.9 91.3
43 25.8 23.6 35.4





#3
Pyridine
Concen: 36.609 ng
RT: 3.146 min Scan# 14
Delta R.T. 0.059 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

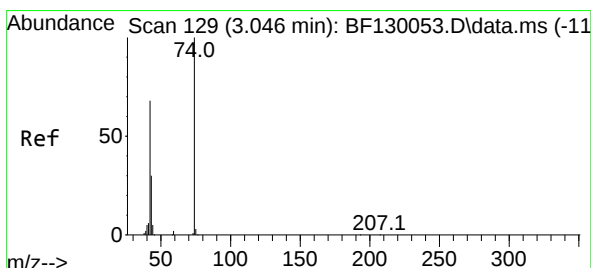
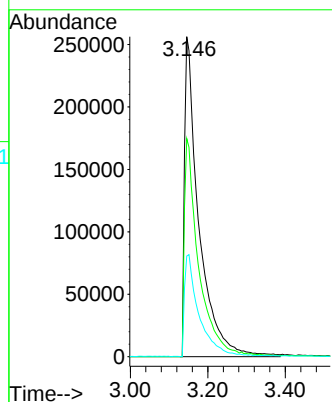
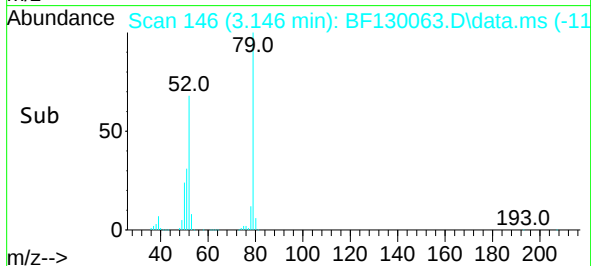
Instrument :
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ClientSampleId :
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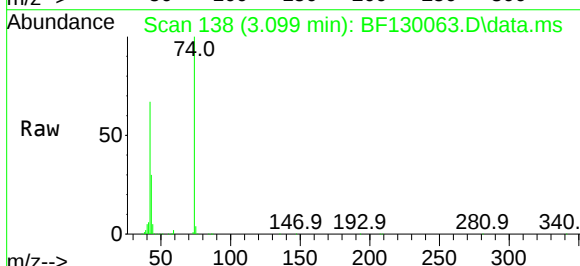
Tgt Ion: 79 Resp: 661129
Ion Ratio Lower Upper
79 100
52 68.1 59.4 89.2
51 31.5 29.5 44.3

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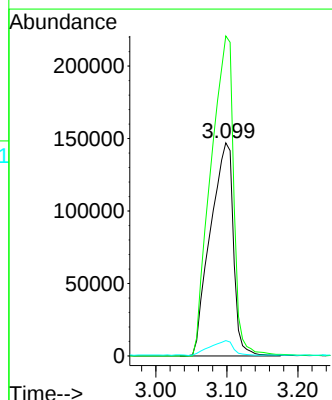
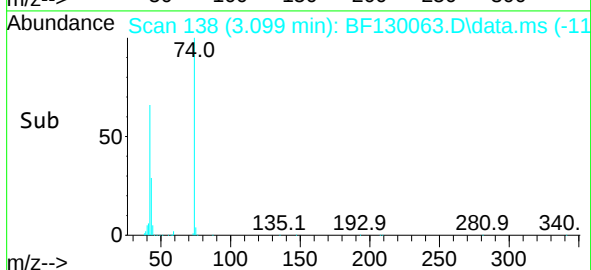
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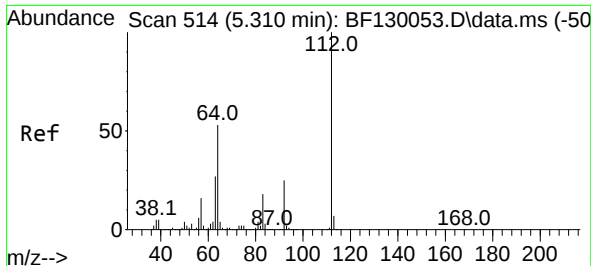


#4
n-Nitrosodimethylamine
Concen: 46.535 ng
RT: 3.099 min Scan# 138
Delta R.T. 0.053 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



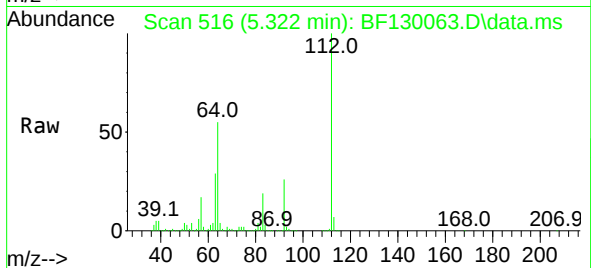
Tgt Ion: 42 Resp: 330494
Ion Ratio Lower Upper
42 100
74 150.2 103.1 154.7
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 131.339 ng
RT: 5.322 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

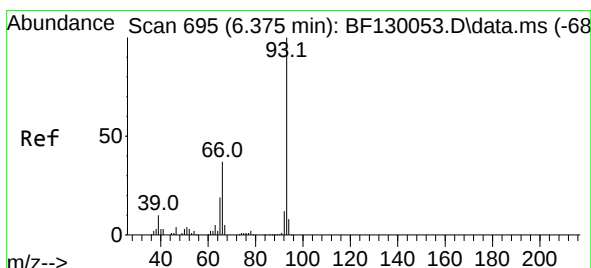
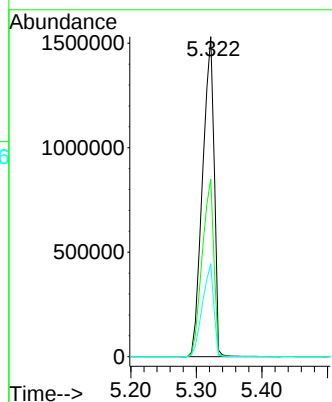
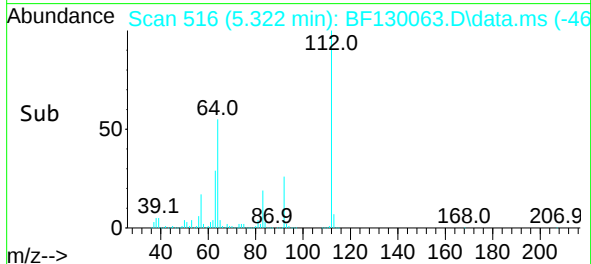
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Tgt Ion:112 Resp: 1892692
Ion Ratio Lower Upper
112 100
64 55.5 47.6 71.4
63 28.8 24.6 37.0

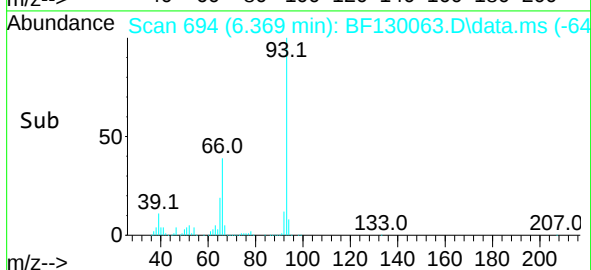
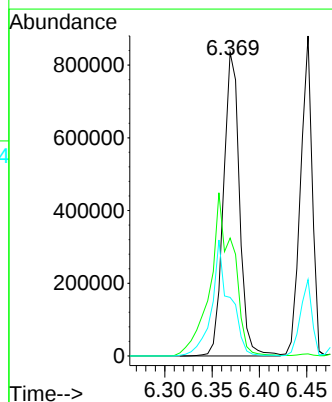
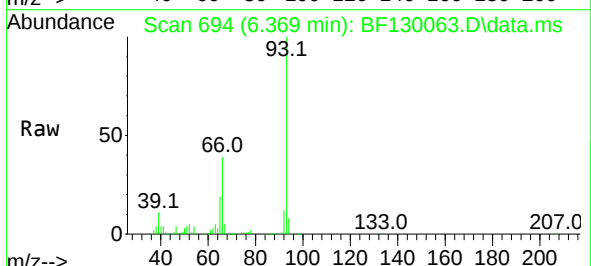
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#6
Aniline
Concen: 43.730 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130063.D
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Tgt Ion: 93 Resp: 984993
Ion Ratio Lower Upper
93 100
66 38.9 68.7 103.1#
65 19.3 41.6 62.4#





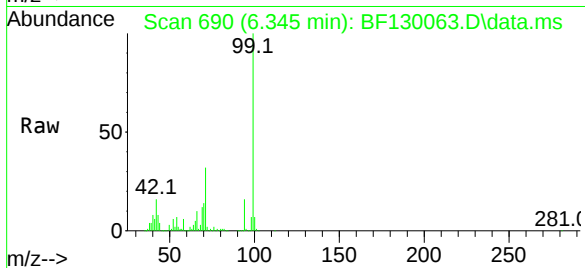
#7
Phenol-d6
Concen: 129.841 ng
RT: 6.345 min Scan# 690
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

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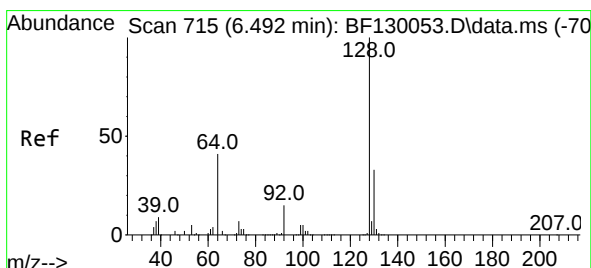
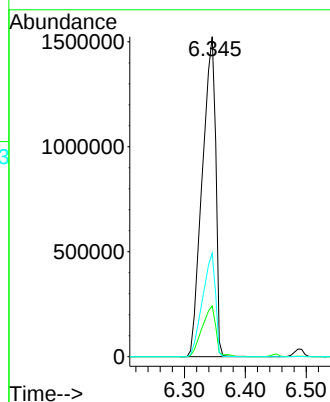
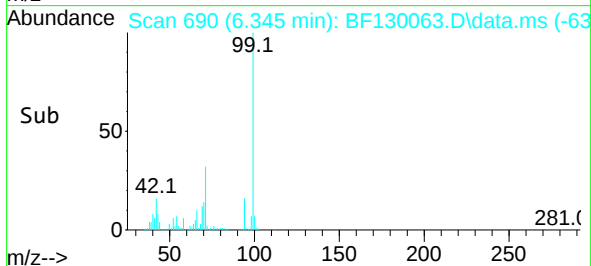
Tgt Ion: 99 Resp: 233272

Ion	Ratio	Lower	Upper
99	100		
42	15.9	15.0	22.4
71	32.3	28.8	43.2

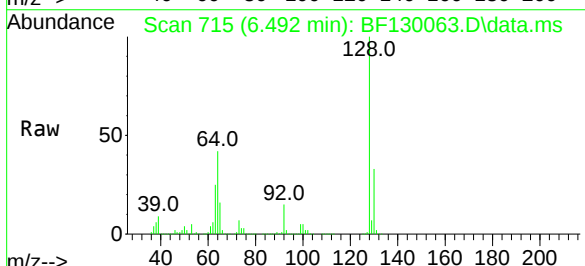
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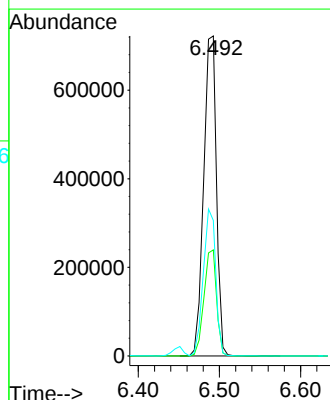
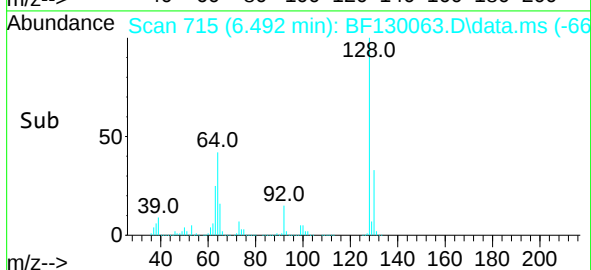


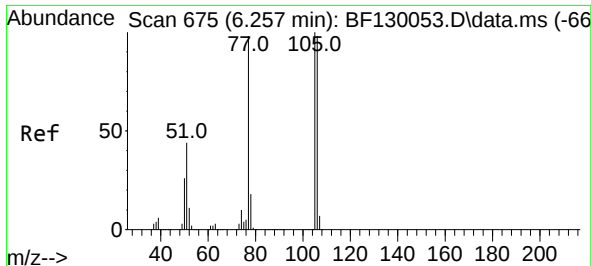
#8
2-Chlorophenol
Concen: 49.765 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:128 Resp: 787137

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.5	52.5
64	42.3	24.9	64.9





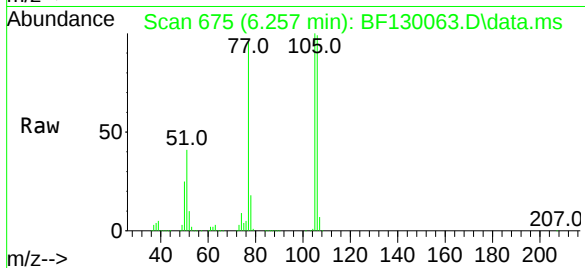
#9
Benzaldehyde
Concen: 32.691 ng
RT: 6.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130063.D
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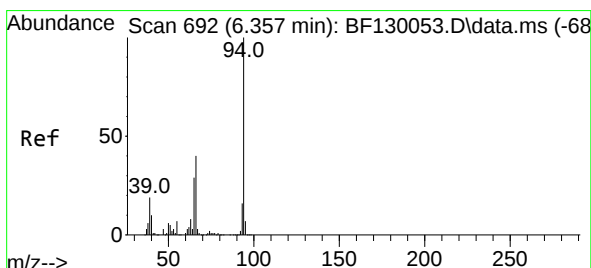
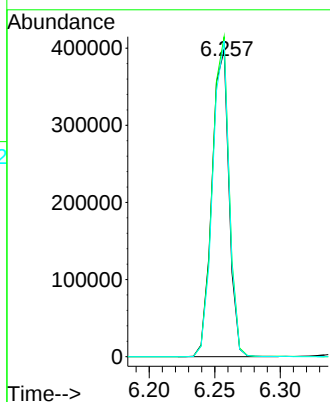
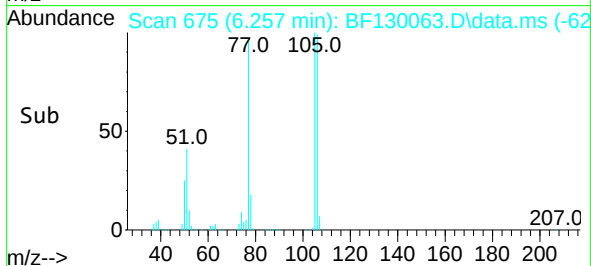
PB147308BS



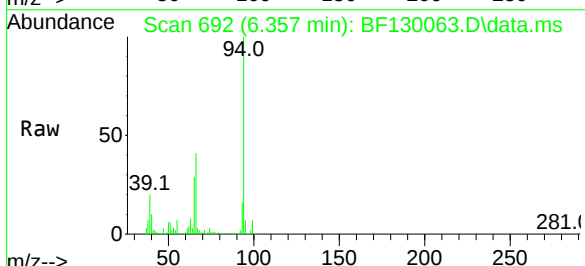
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Ion Ratio Lower Upper
77 100
105 104.4 80.3 120.3
106 103.0 74.3 114.3

Manual Integrations
APPROVED

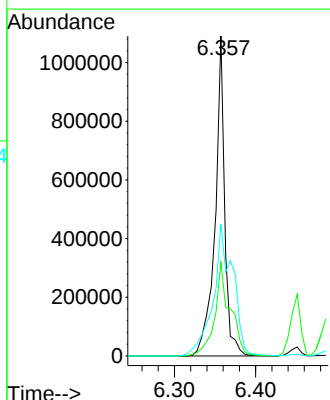
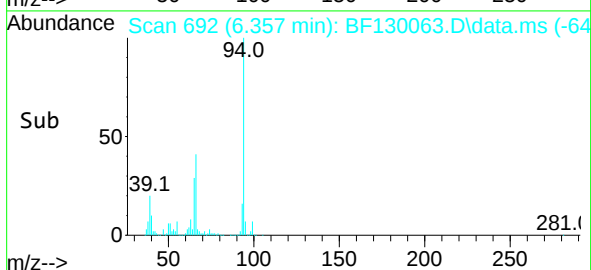
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

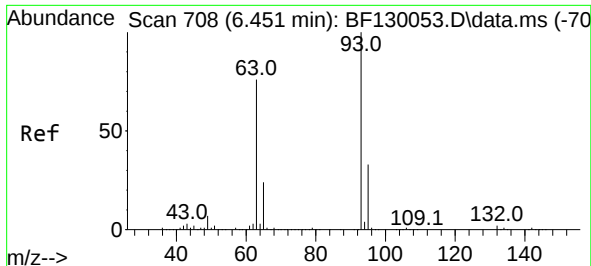


#10
Phenol
Concen: 44.320 ng
RT: 6.357 min Scan# 692
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



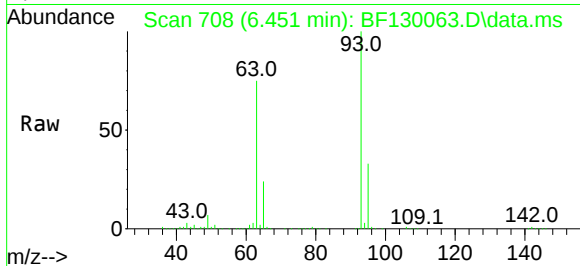
Tgt Ion: 94 Resp: 900030
Ion Ratio Lower Upper
94 100
65 29.2 24.9 64.9
66 41.2 54.2 94.2#





#11
bis(2-Chloroethyl)ether
Concen: 48.430 ng
RT: 6.451 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

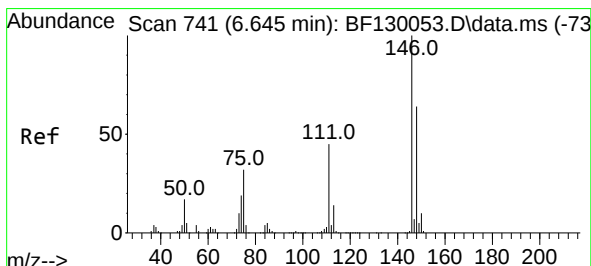
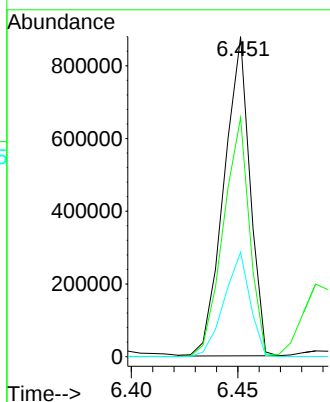
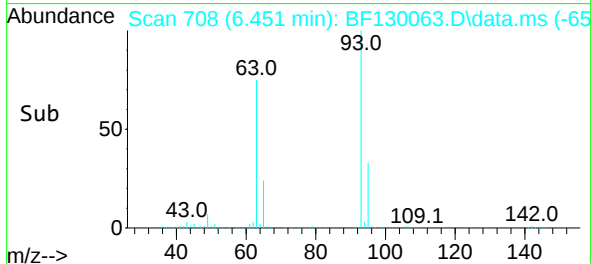
Instrument :
BNA_F
ClientSampleId :
PB147308BS



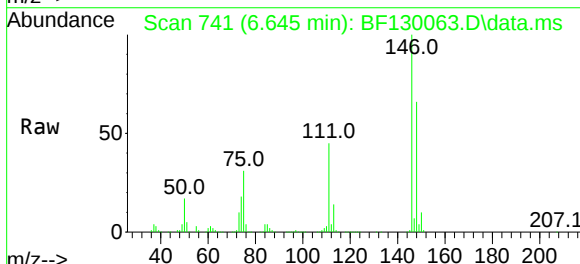
Tgt Ion: 93 Resp: 747254
Ion Ratio Lower Upper
93 100
63 74.7 55.9 95.9
95 32.6 12.3 52.3

Manual Integrations
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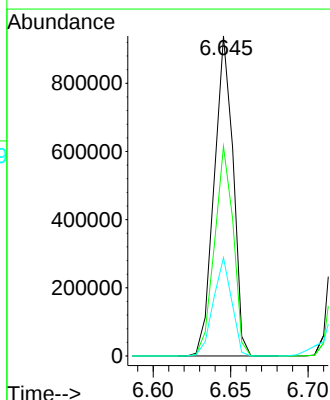
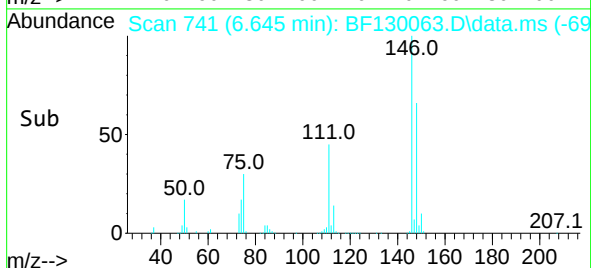
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

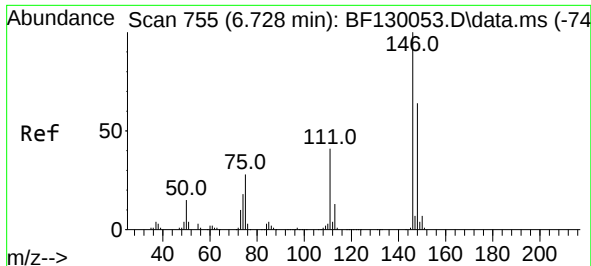


#12
1,3-Dichlorobenzene
Concen: 45.388 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:146 Resp: 795826
Ion Ratio Lower Upper
146 100
148 65.5 51.2 76.8
75 30.7 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 45.367 ng

RT: 6.722 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

Tgt Ion:146 Resp: 801270

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

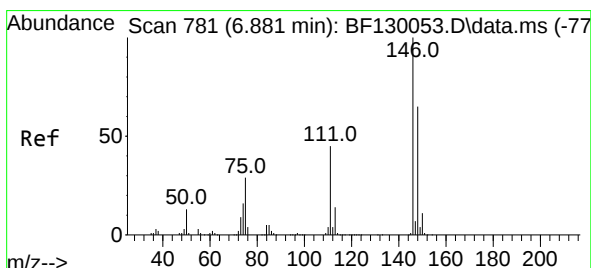
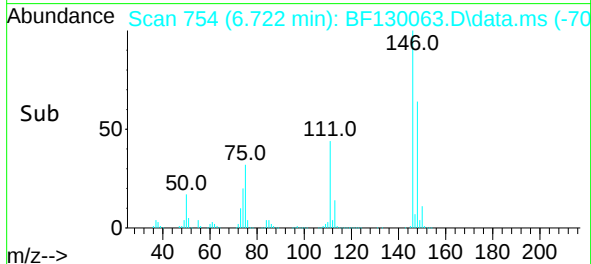
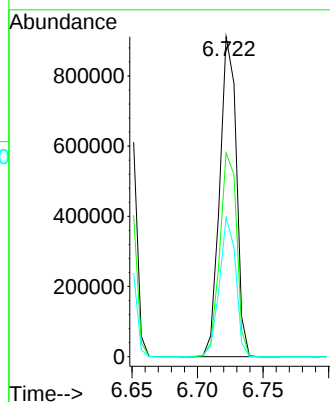
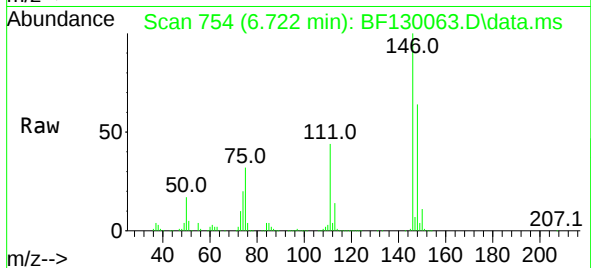
111 43.5 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#14

1,2-Dichlorobenzene

Concen: 47.894 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

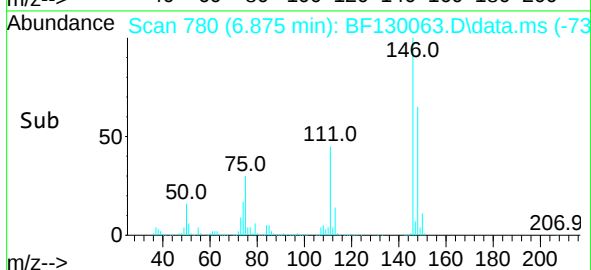
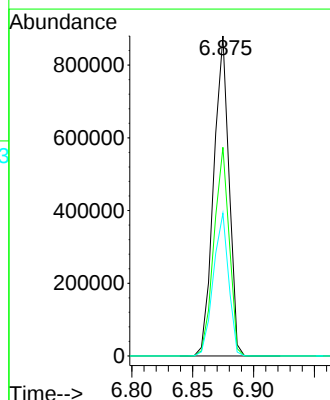
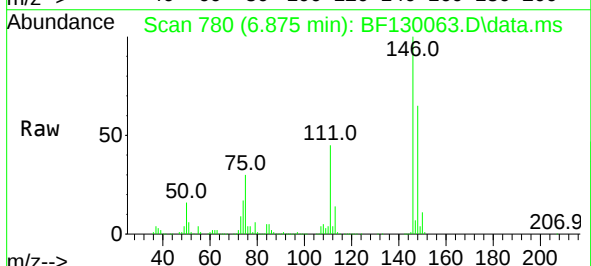
Tgt Ion:146 Resp: 768941

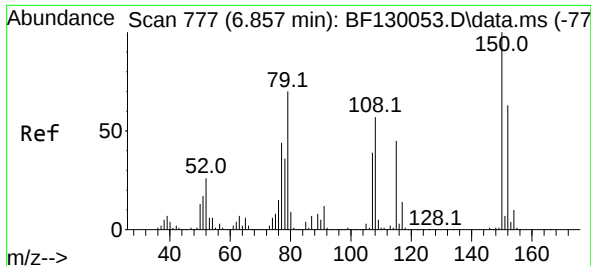
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

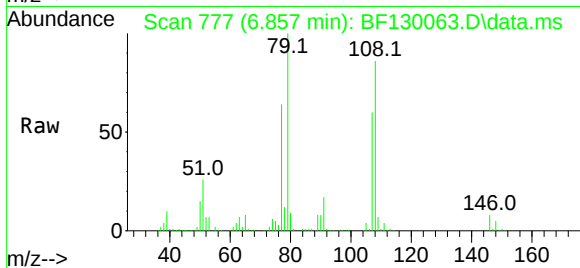
111 44.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 41.466 ng m
RT: 6.857 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

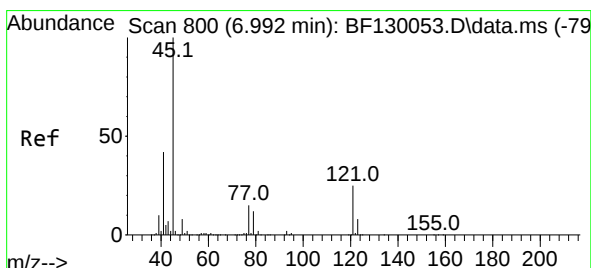
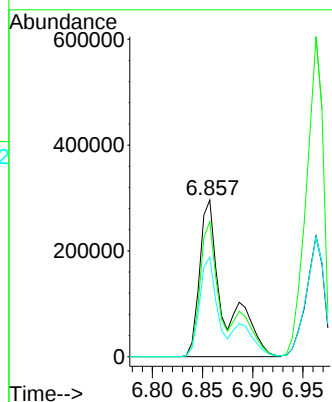
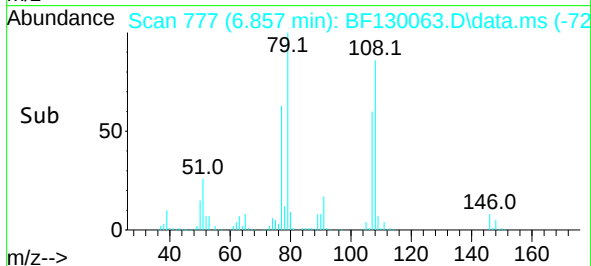
Instrument :
BNA_F
ClientSampleId :
PB147308BS



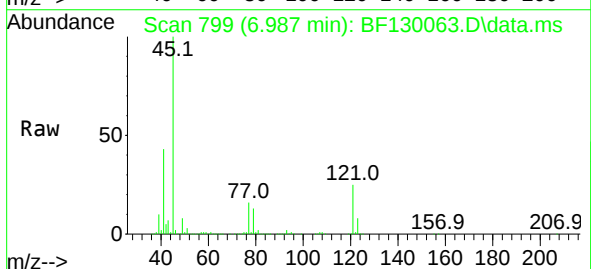
Tgt Ion: 79 Resp: 502132
Ion Ratio Lower Upper
79 100
108 86.2 59.2 88.8
77 63.5 51.9 77.9

Manual Integrations
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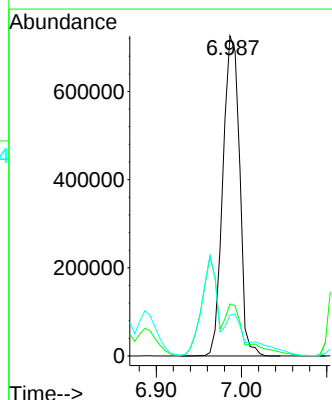
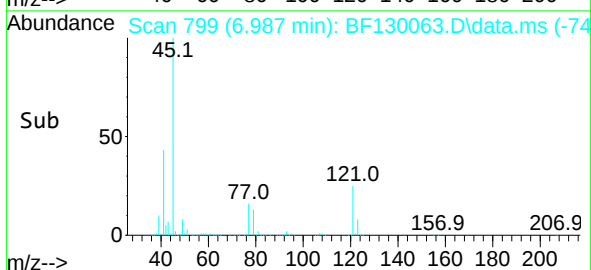
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

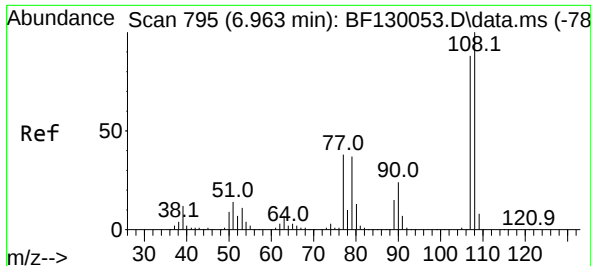


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.090 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



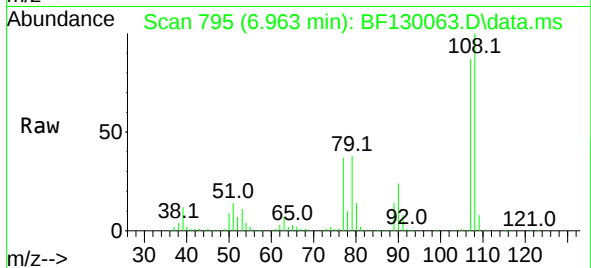
Tgt Ion: 45 Resp: 987460
Ion Ratio Lower Upper
45 100
77 16.3 27.4 67.4#
79 12.8 24.4 64.4#





#17
2-Methylphenol
Concen: 46.930 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

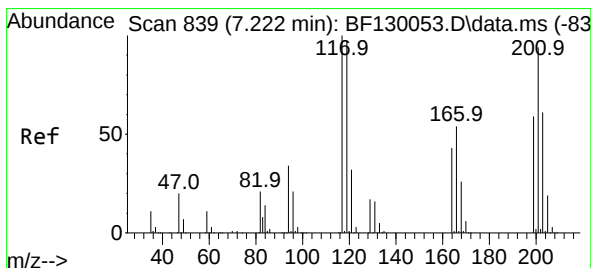
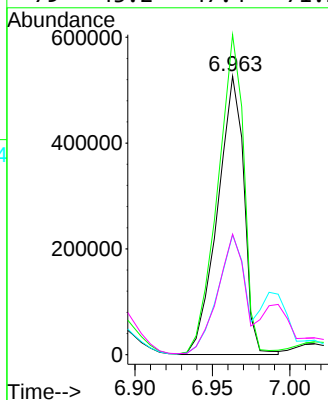
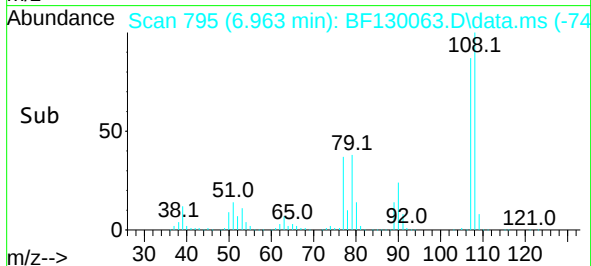
Instrument :
BNA_F
ClientSampleId :
PB147308BS



Tgt Ion:107 Resp: 624510
Ion Ratio Lower Upper
107 100
108 114.8 90.2 135.2
77 43.0 51.8 77.8
79 43.2 47.4 71.2#

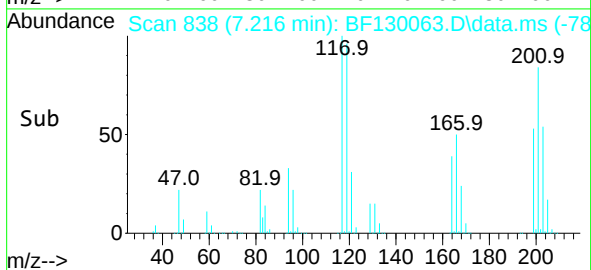
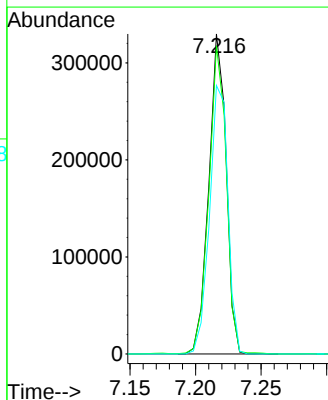
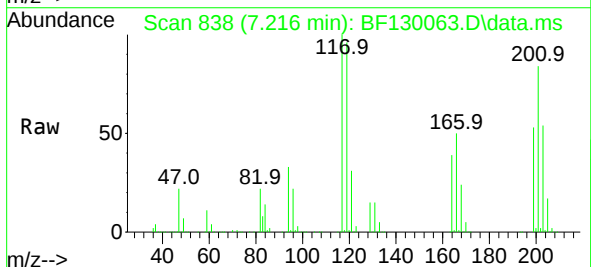
Manual Integrations
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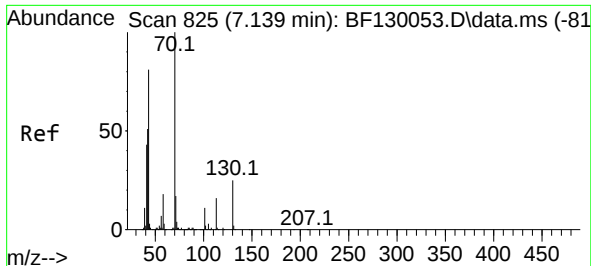
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#18
Hexachloroethane
Concen: 47.700 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:117 Resp: 304224
Ion Ratio Lower Upper
117 100
119 96.3 79.1 118.7
201 83.9 66.6 100.0





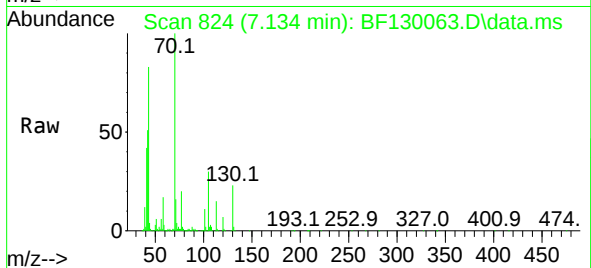
#19
n-Nitroso-di-n-propylamine
Concen: 45.514 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

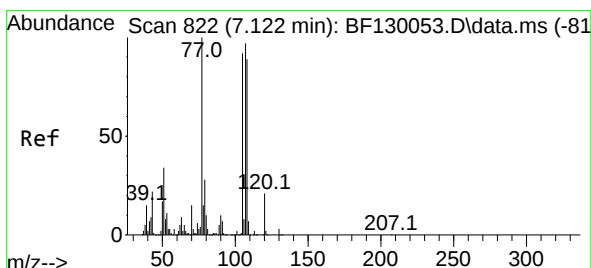
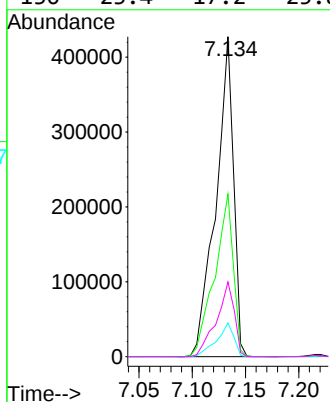
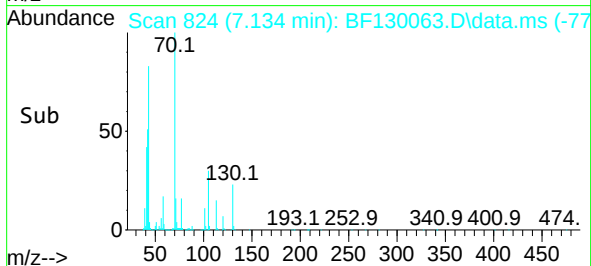


Tgt Ion: 70 Resp: 49262
Ion Ratio Lower Upper
70 100
42 50.8 47.6 71.4
101 10.5 8.1 12.1
130 23.4 17.2 25.8

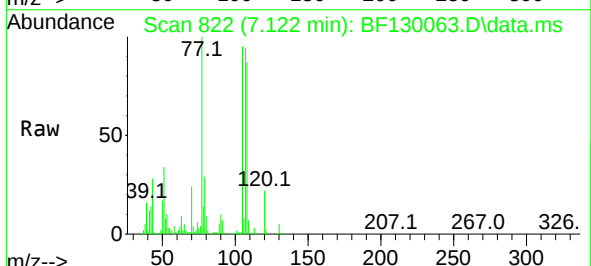
Manual Integrations

APPROVED

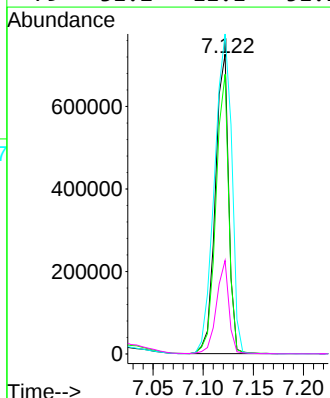
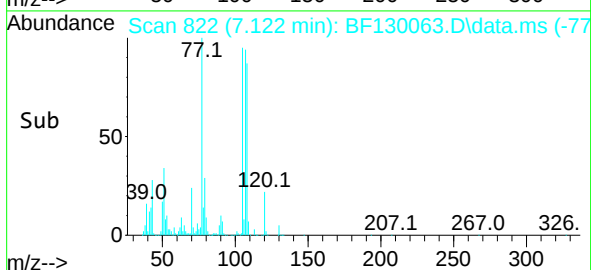
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

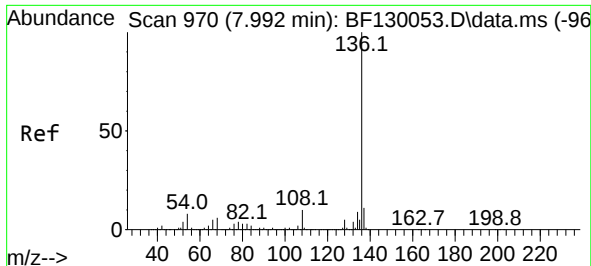


#20
3+4-Methylphenols
Concen: 42.966 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:107 Resp: 670502
Ion Ratio Lower Upper
107 100
108 93.3 71.3 111.3
77 106.7 20.4 60.4#
79 31.2 11.1 51.1





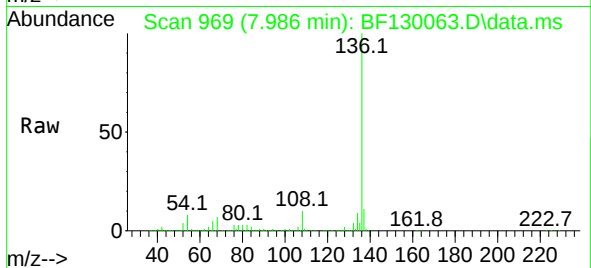
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

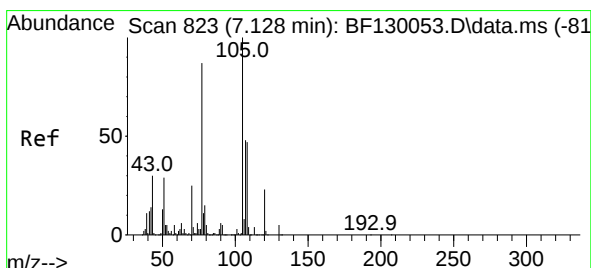
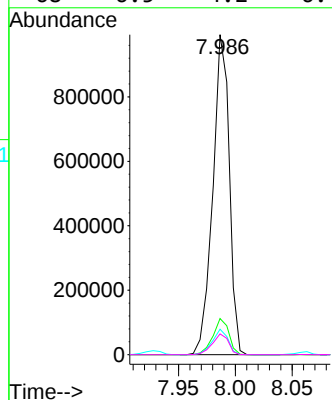
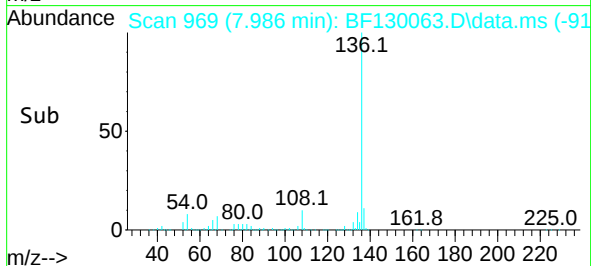


Tgt Ion:136 Resp: 100295
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.0 6.2 9.2
68 6.5 4.2 6.4#

Manual Integrations

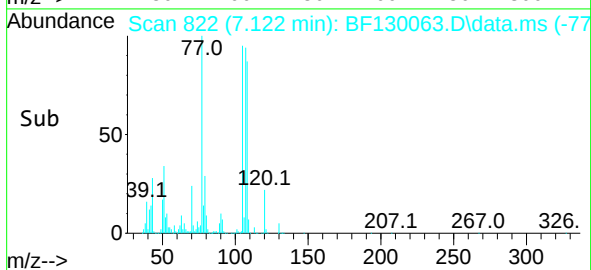
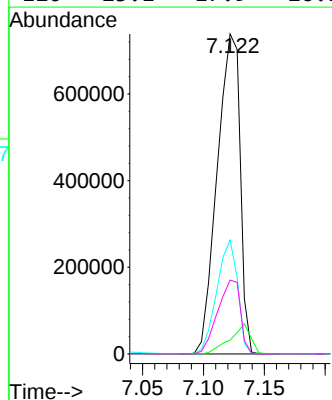
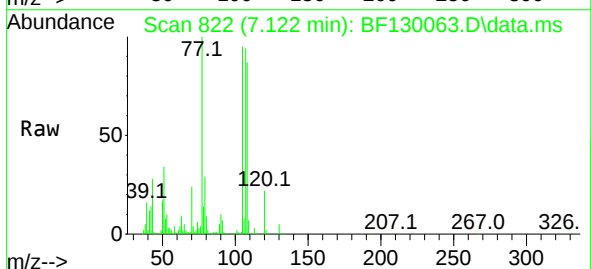
APPROVED

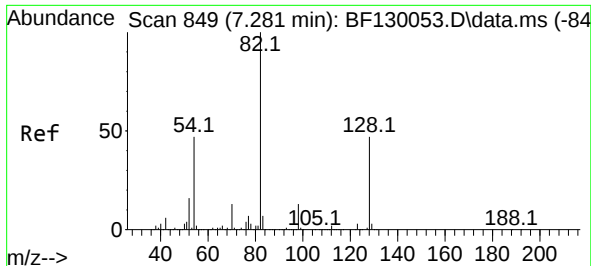
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#22
Acetophenone
Concen: 43.272 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:105 Resp: 969608
Ion Ratio Lower Upper
105 100
71 4.3 6.6 9.8#
51 35.6 23.8 35.8
120 23.1 17.9 26.9





#23
Nitrobenzene-d5
Concen: 91.290 ng
RT: 7.275 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

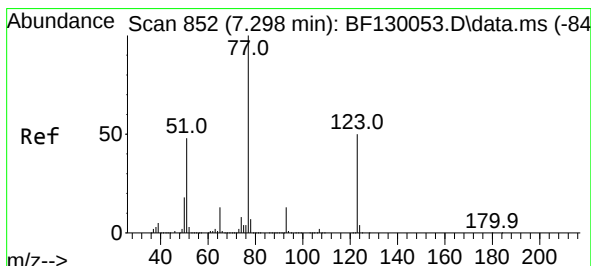
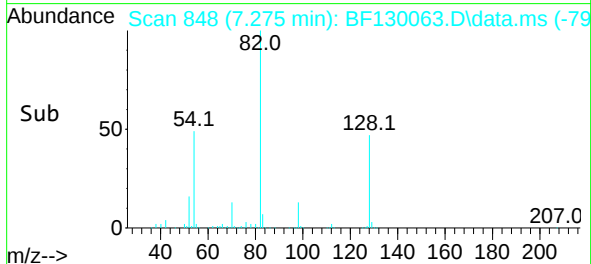
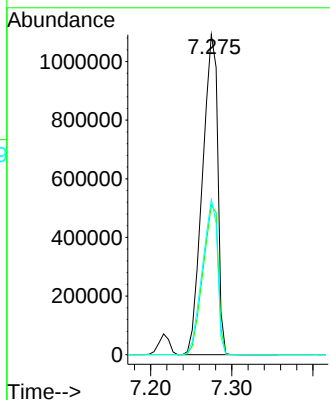
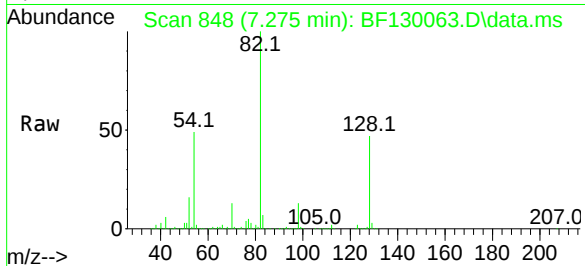
ClientSampleId :

PB147308BS

Tgt Ion: 82 Resp: 142469
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 48.5 40.0 60.0

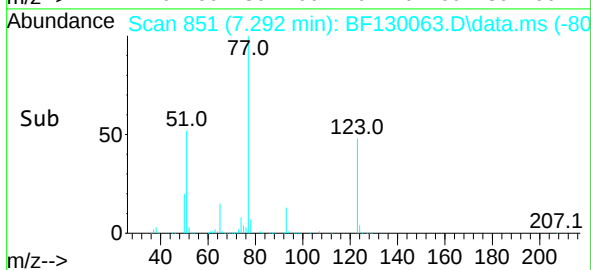
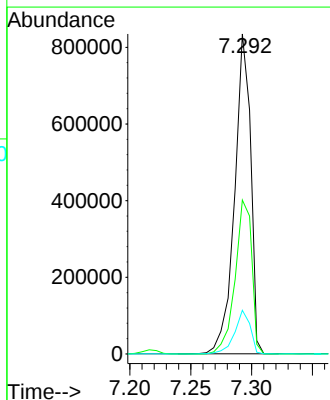
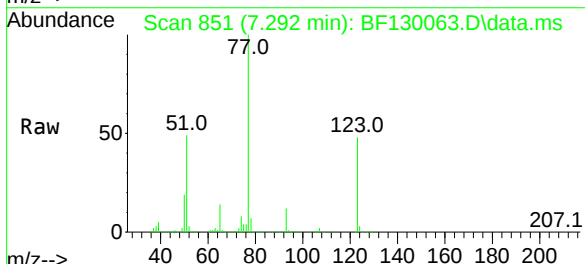
Manual Integrations
APPROVED

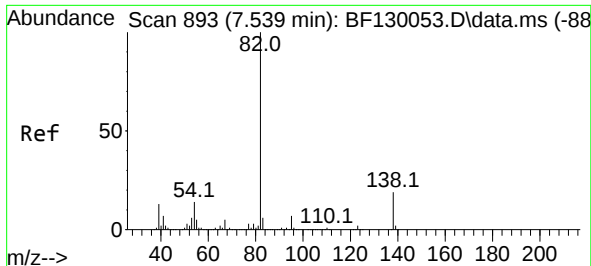
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#24
Nitrobenzene
Concen: 45.968 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

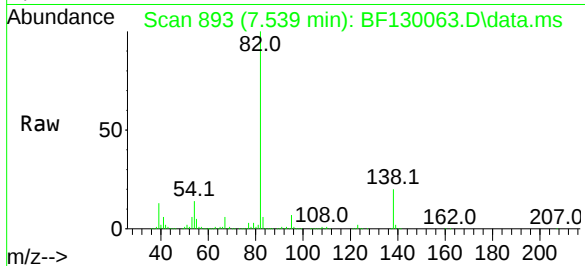
Tgt Ion: 77 Resp: 762952
Ion Ratio Lower Upper
77 100
123 48.1 39.2 58.8
65 13.7 11.1 16.7





#25
Isophorone
Concen: 45.469 ng
RT: 7.539 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

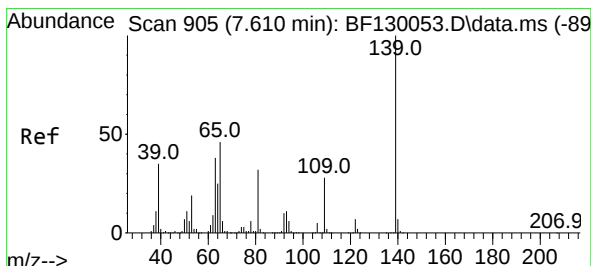
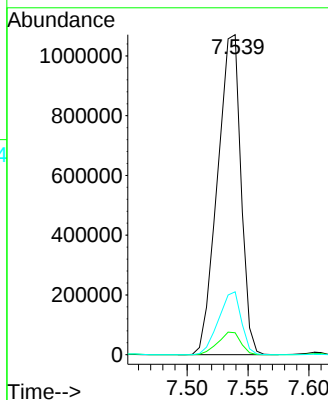
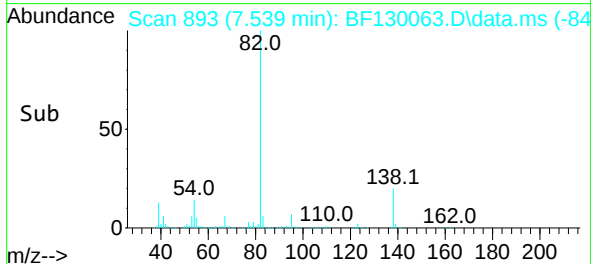
Instrument :
BNA_F
ClientSampleId :
PB147308BS



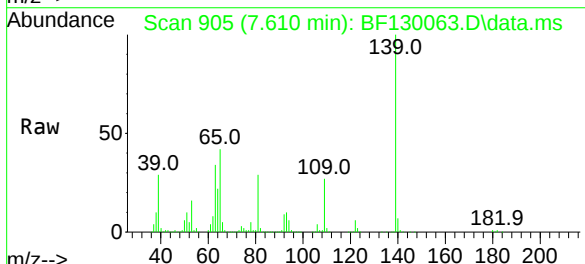
Tgt Ion: 82 Resp: 1436240
Ion Ratio Lower Upper
82 100
95 6.8 5.9 8.9
138 19.6 14.6 21.8

Manual Integrations
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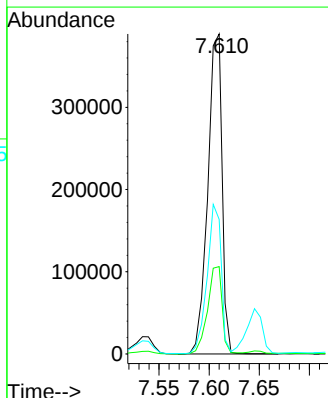
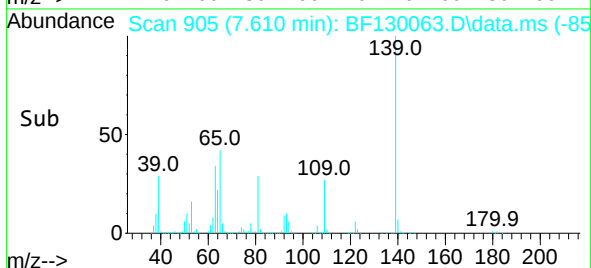
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

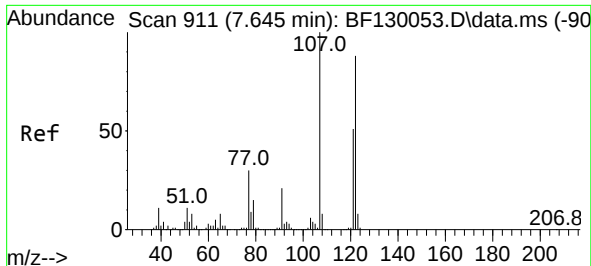


#26
2-Nitrophenol
Concen: 49.576 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:139 Resp: 387501
Ion Ratio Lower Upper
139 100
109 27.3 24.4 36.6
65 42.0 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 50.566 ng

RT: 7.645 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF130063.D

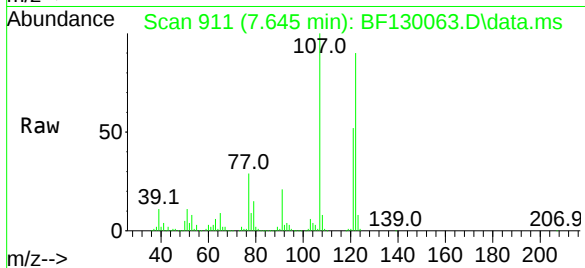
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

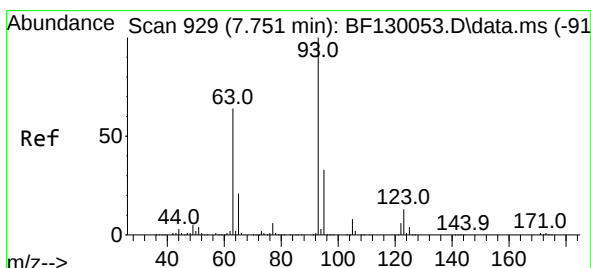
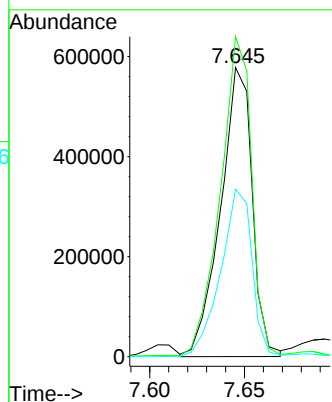
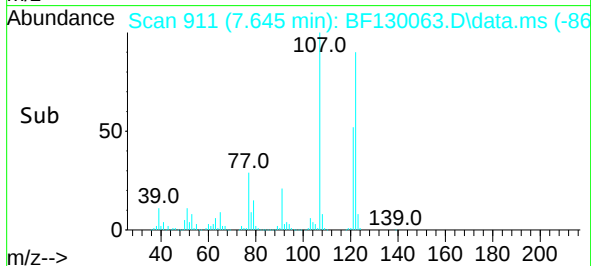


Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.7	92.2	138.4
121	57.9	46.1	69.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.670 ng

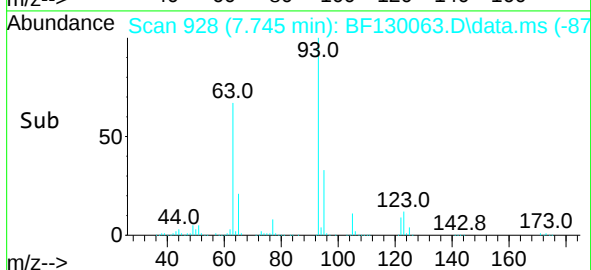
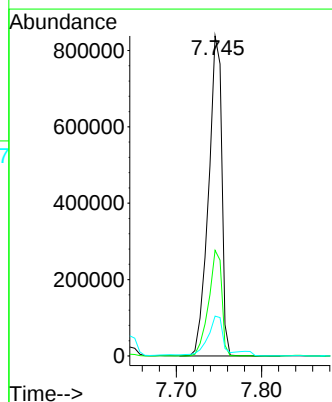
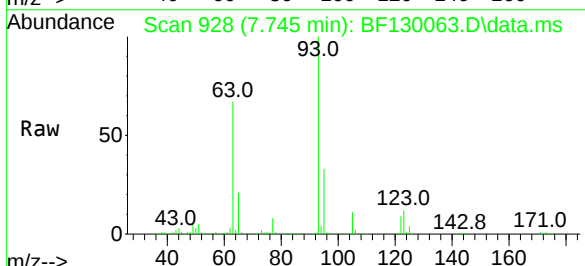
RT: 7.745 min Scan# 928

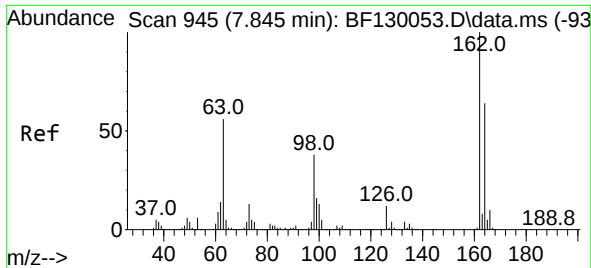
Delta R.T. -0.006 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.6	38.4
123	12.4	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 43.715 ng

RT: 7.845 min Scan# 945

Delta R.T. -0.000 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

Tgt Ion:162 Resp: 61975

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

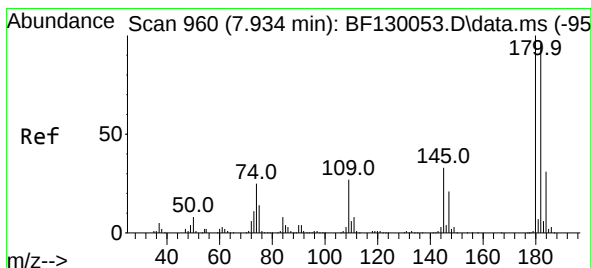
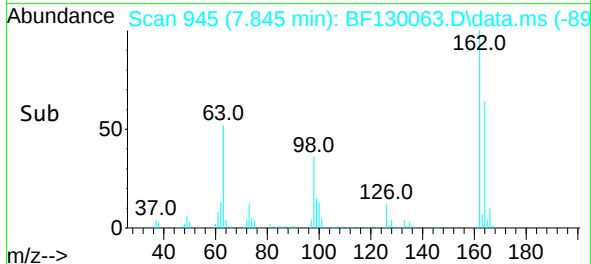
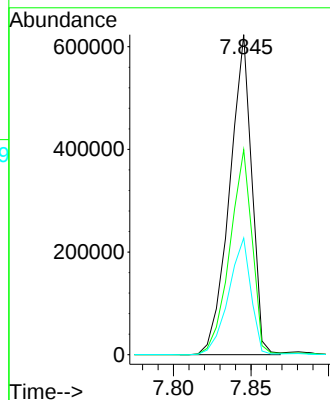
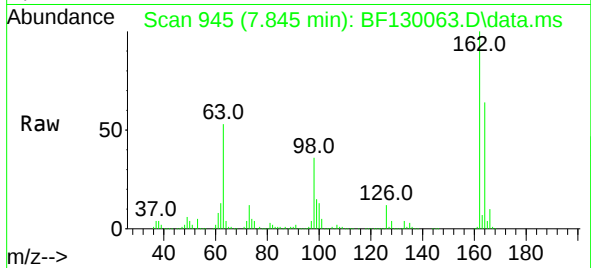
98 36.4 16.5 56.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.480 ng

RT: 7.928 min Scan# 959

Delta R.T. -0.006 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

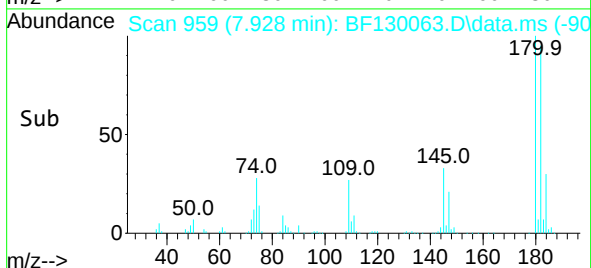
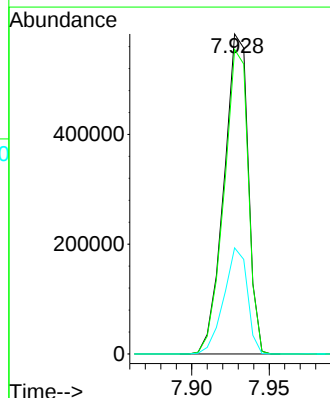
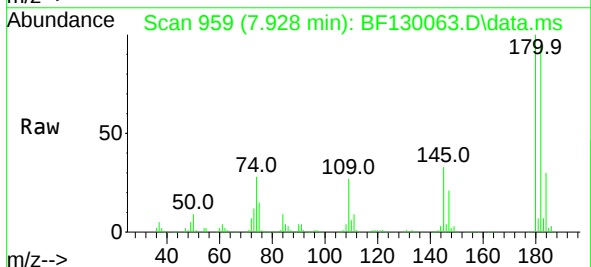
Tgt Ion:180 Resp: 635017

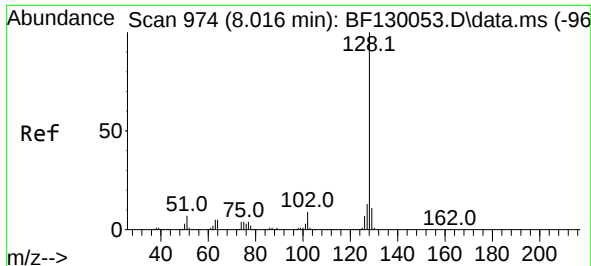
Ion Ratio Lower Upper

180 100

182 95.2 77.6 116.4

145 33.1 25.6 38.4





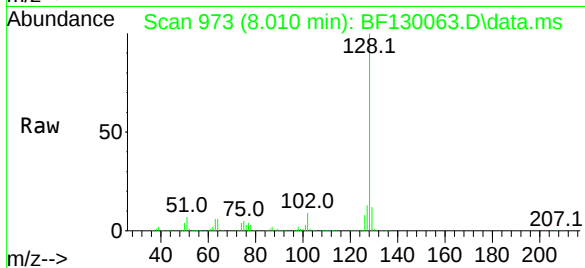
#31
Naphthalene
Concen: 42.085 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

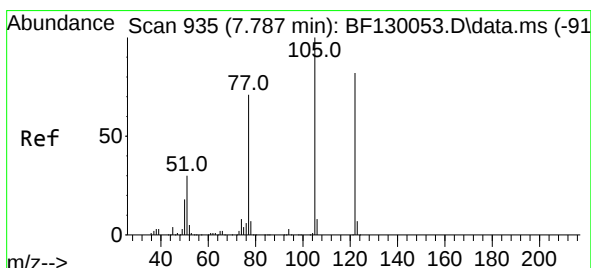
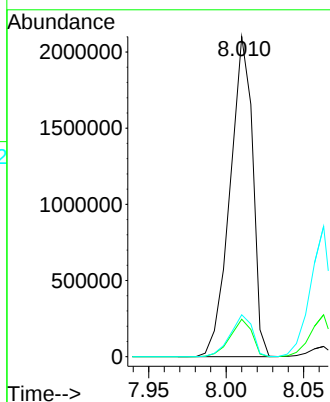
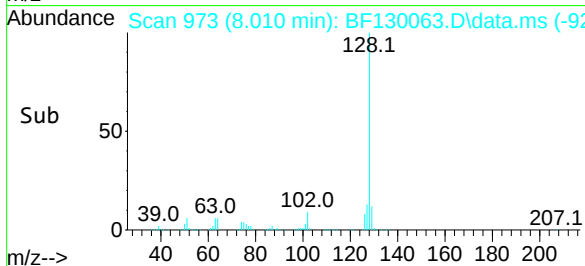


Tgt Ion:128 Resp: 212885
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.1 10.7 16.1

Manual Integrations

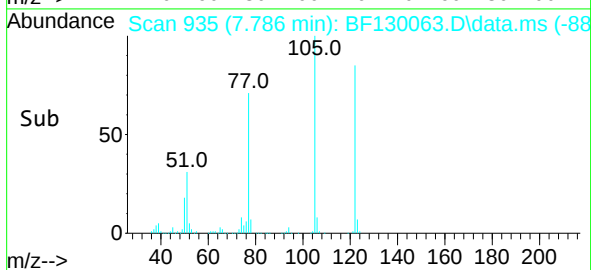
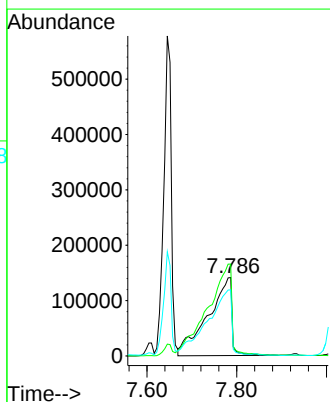
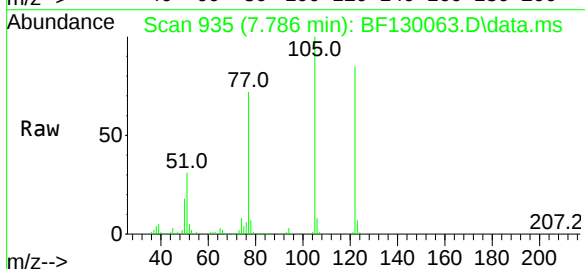
APPROVED

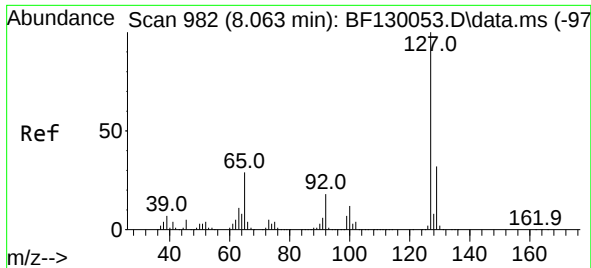
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#32
Benzoic acid
Concen: 48.414 ng
RT: 7.786 min Scan# 935
Delta R.T. -0.001 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:122 Resp: 524634
Ion Ratio Lower Upper
122 100
105 117.1 99.9 139.9
77 84.3 65.9 105.9





#33
4-Chloroaniline
Concen: 37.783 ng
RT: 8.063 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

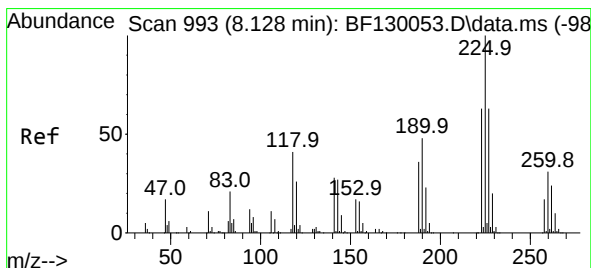
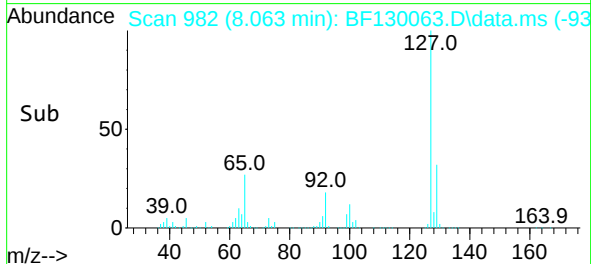
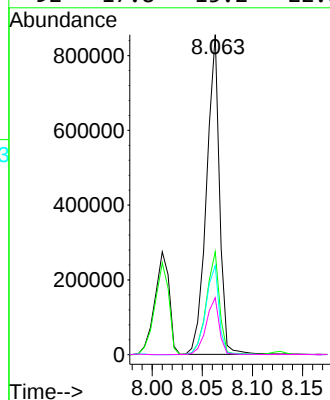
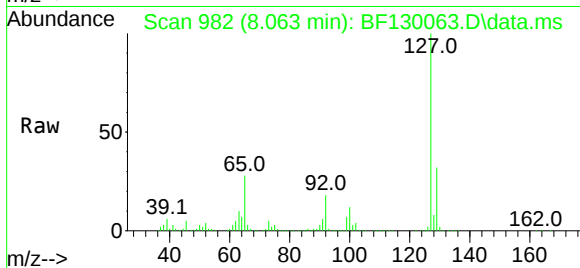
ClientSampleId :

PB147308BS

Tgt Ion:127 Resp: 772154
Ion Ratio Lower Upper
127 100
129 32.2 26.7 40.1
65 27.8 24.2 36.2
92 17.8 15.2 22.8

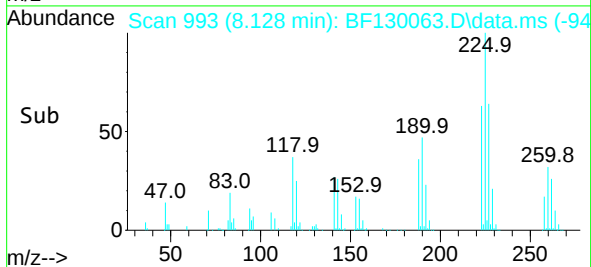
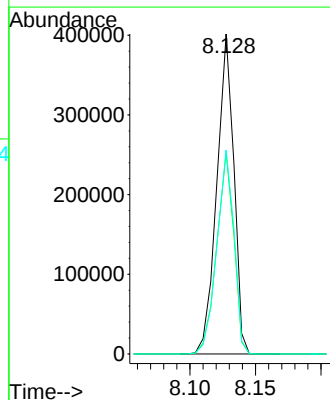
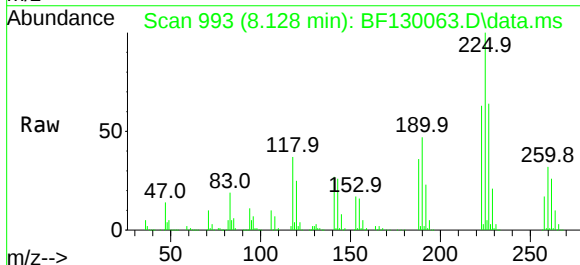
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#34
Hexachlorobutadiene
Concen: 42.257 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

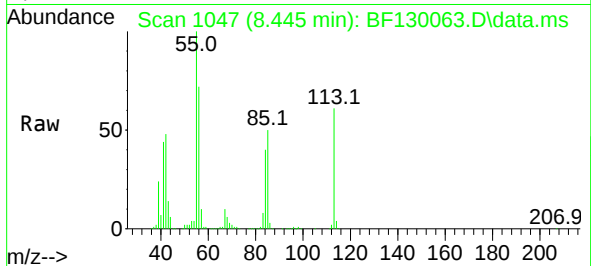
Tgt Ion:225 Resp: 361768
Ion Ratio Lower Upper
225 100
223 63.0 50.2 75.2
227 63.7 50.6 75.8





#35
Caprolactam
Concen: 44.081 ng m
RT: 8.445 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

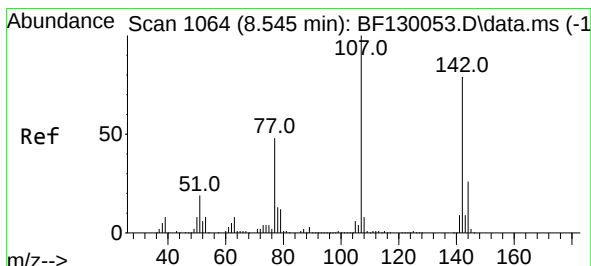
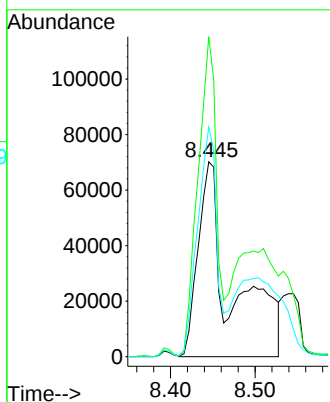
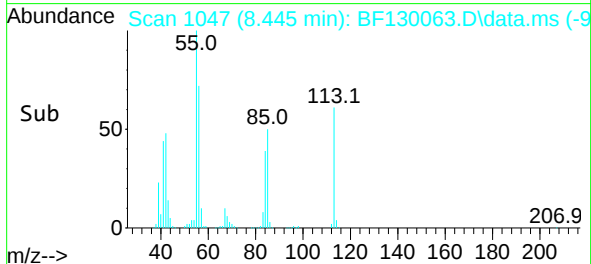
Instrument :
BNA_F
ClientSampleId :
PB147308BS



Tgt Ion:113 Resp: 19366
Ion Ratio Lower Upper
113 100
55 164.2 148.8 188.8
56 117.8 109.1 149.1

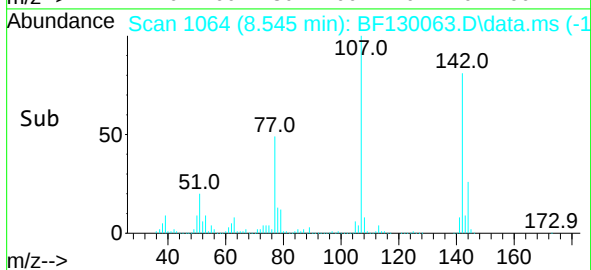
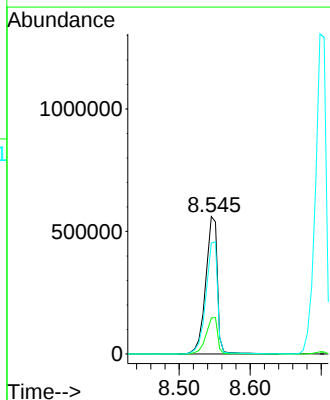
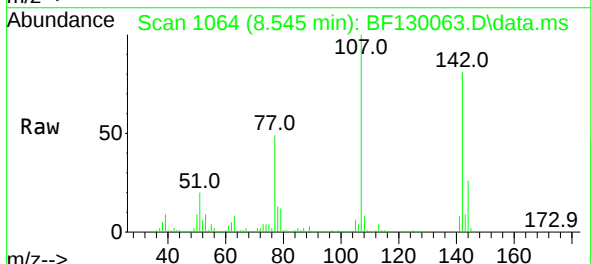
Manual Integrations
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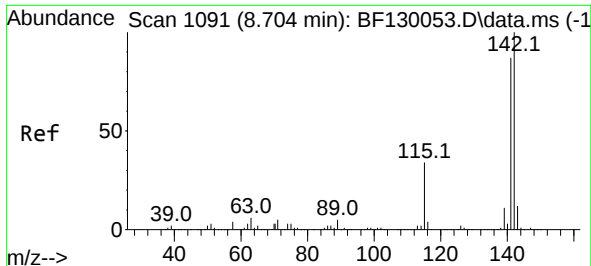
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#36
4-Chloro-3-methylphenol
Concen: 44.939 ng
RT: 8.545 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:107 Resp: 644686
Ion Ratio Lower Upper
107 100
144 26.0 19.9 29.9
142 80.6 60.2 90.4





#37

2-Methylnaphthalene

Concen: 42.123 ng

RT: 8.698 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

Tgt Ion:142 Resp: 1372572

Ion Ratio Lower Upper

142 100

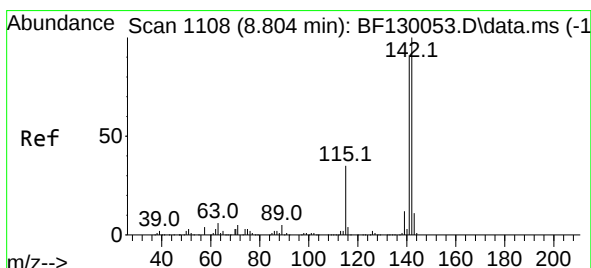
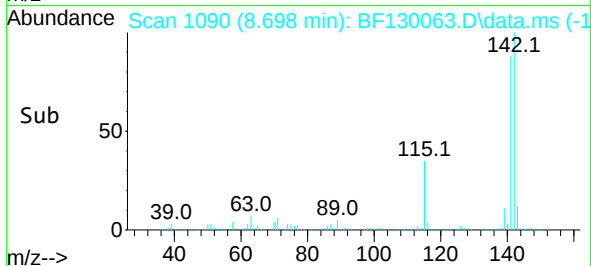
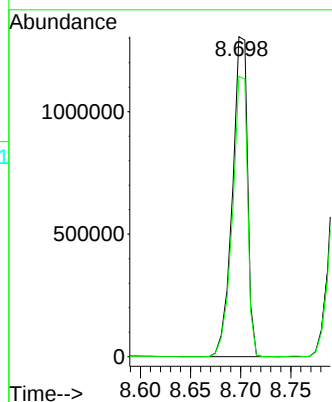
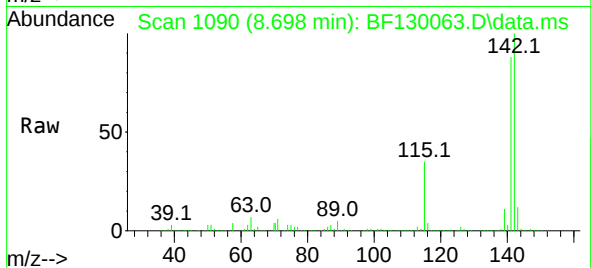
141 87.6 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#38

1-Methylnaphthalene

Concen: 41.507 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130063.D

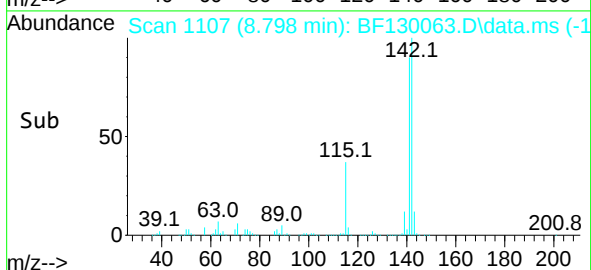
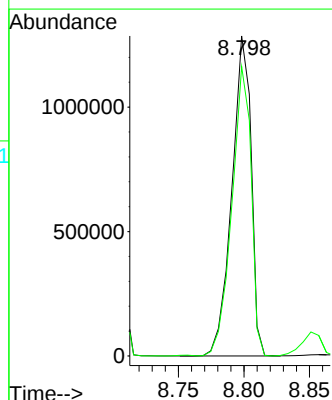
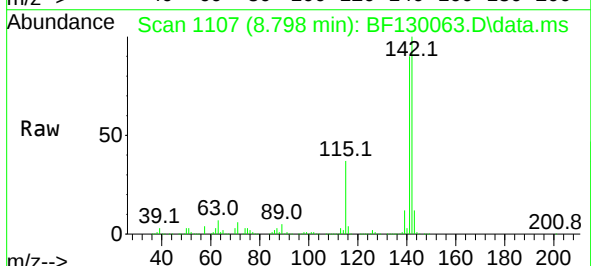
Acq: 31 Aug 2022 21:41

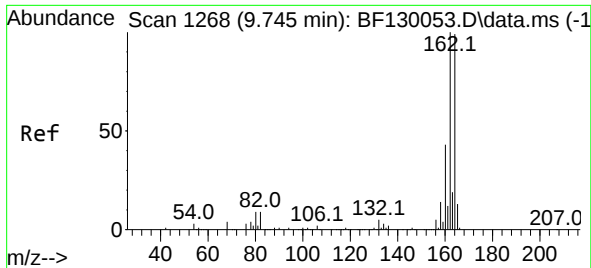
Tgt Ion:142 Resp: 1314614

Ion Ratio Lower Upper

142 100

141 90.4 73.5 110.3





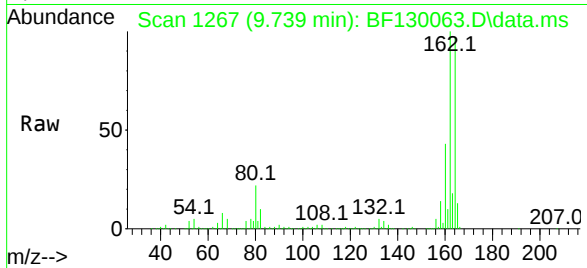
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

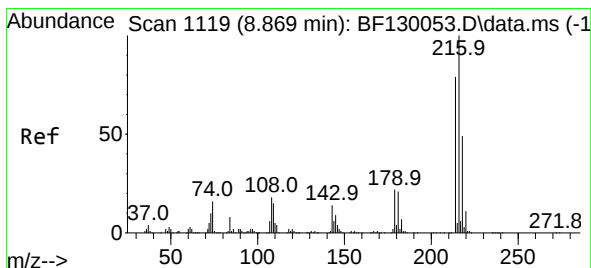
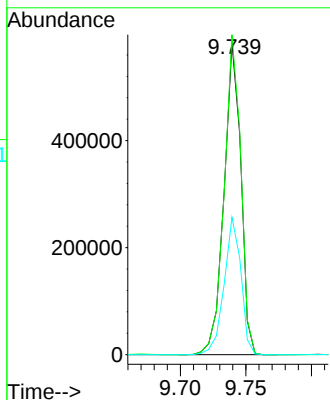
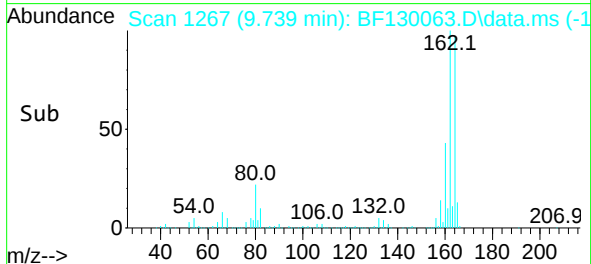


Tgt Ion:164 Resp: 52007
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 44.1 35.4 53.0

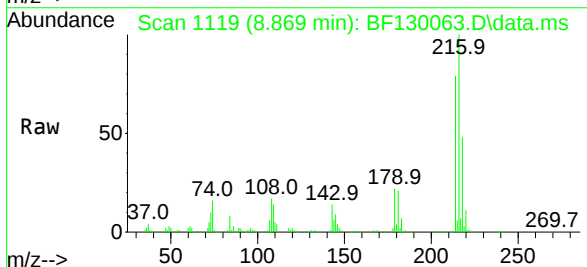
Manual Integrations

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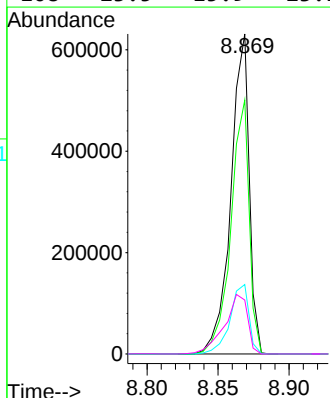
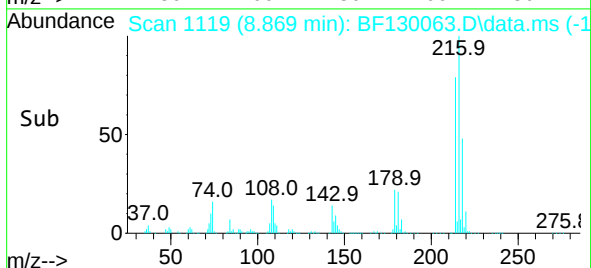
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.729 ng
RT: 8.869 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:216 Resp: 565911
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 22.5 18.1 27.1
108 23.5 15.9 23.9





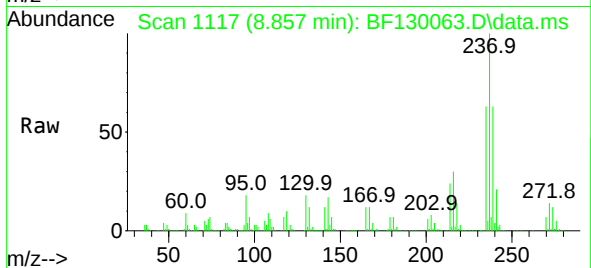
#41
Hexachlorocyclopentadiene
Concen: 103.038 ng
RT: 8.857 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

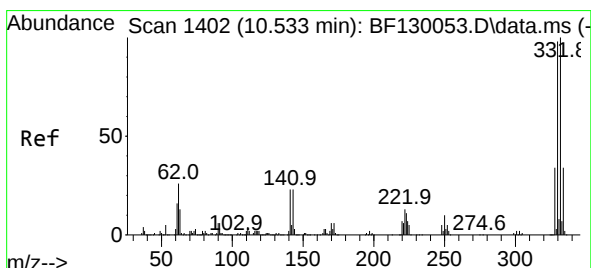
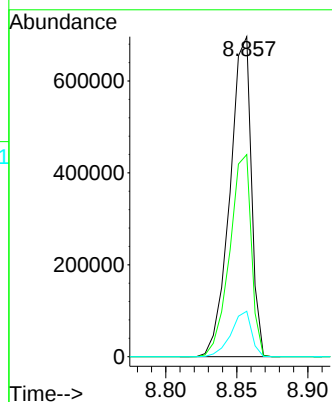
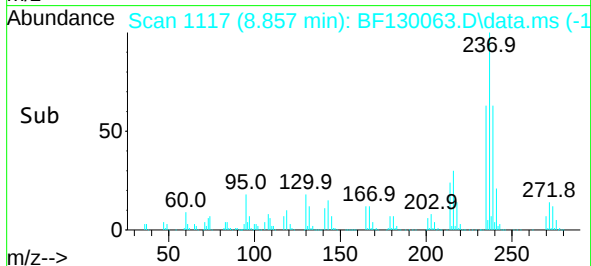


Tgt Ion:237 Resp: 730270
Ion Ratio Lower Upper
237 100
235 63.2 41.5 81.5
272 14.2 0.0 33.3

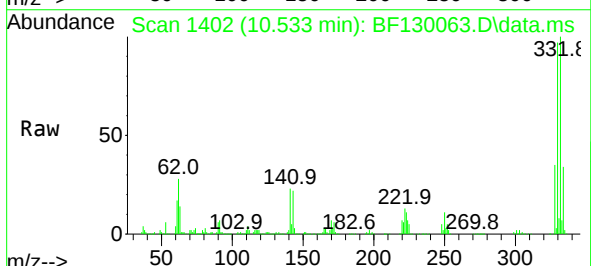
Manual Integrations

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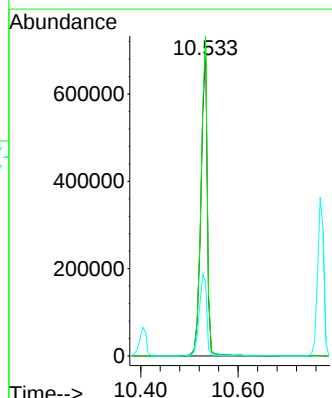
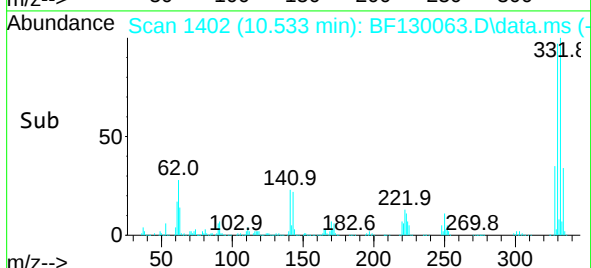
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

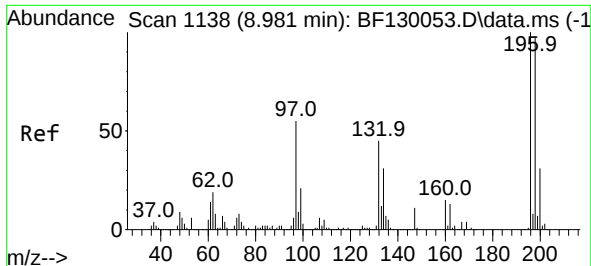


#42
2,4,6-Tribromophenol
Concen: 135.099 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:330 Resp: 639577
Ion Ratio Lower Upper
330 100
332 102.4 82.6 124.0
141 31.2 27.6 41.4





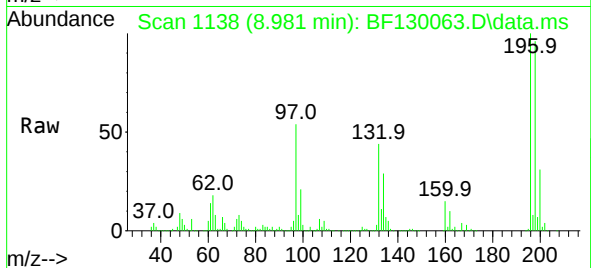
#43
2,4,6-Trichlorophenol
Concen: 42.695 ng
RT: 8.981 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

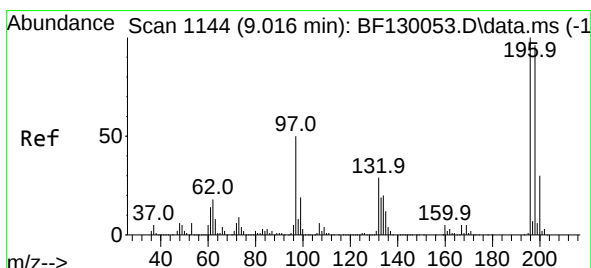
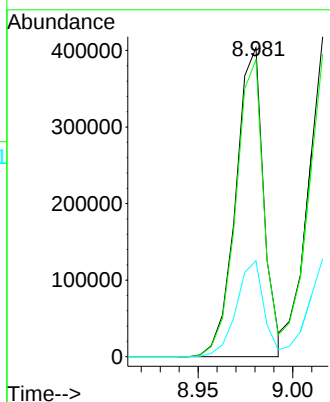
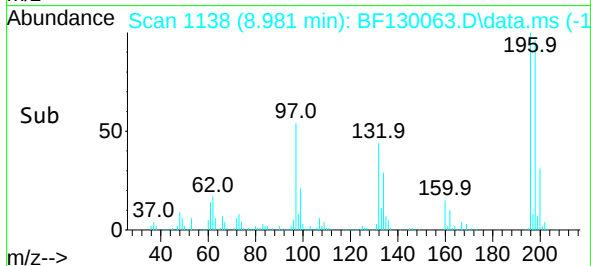


Tgt Ion:196 Resp: 41329
Ion Ratio Lower Upper
196 100
198 96.1 79.0 118.4
200 31.1 25.1 37.7

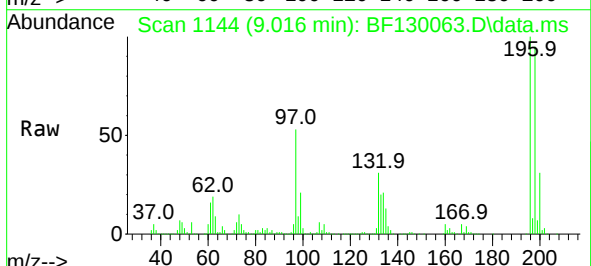
Manual Integrations

APPROVED

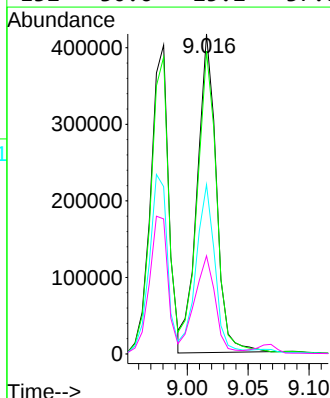
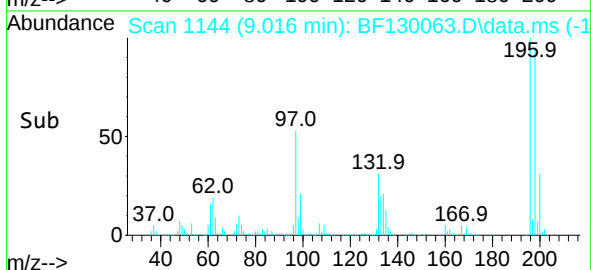
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

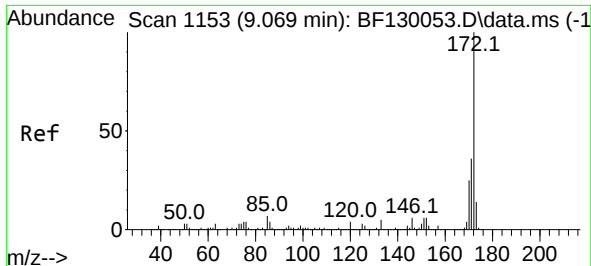


#44
2,4,5-Trichlorophenol
Concen: 43.356 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:196 Resp: 454900
Ion Ratio Lower Upper
196 100
198 94.5 76.4 114.6
97 52.9 46.5 69.7
132 30.6 25.2 37.8





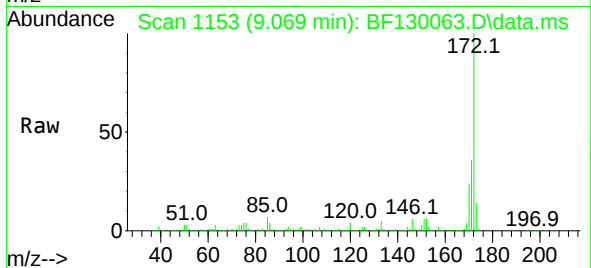
#45
2-Fluorobiphenyl
Concen: 78.445 ng
RT: 9.069 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

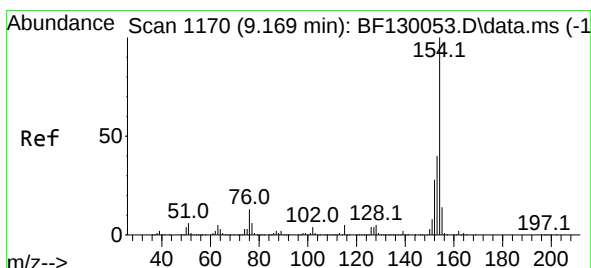
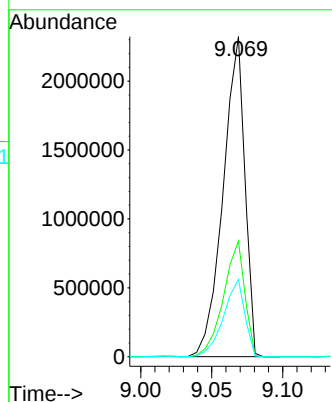
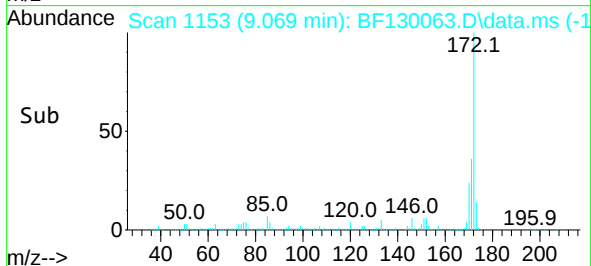


Tgt Ion:172 Resp: 2460708
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.1 19.1 28.7

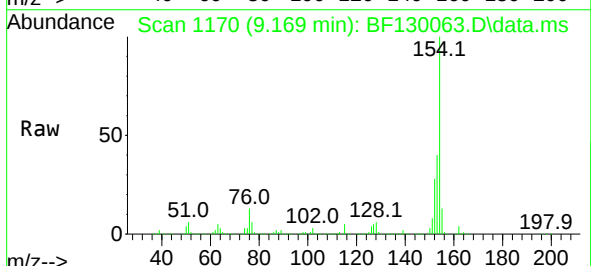
Manual Integrations

APPROVED

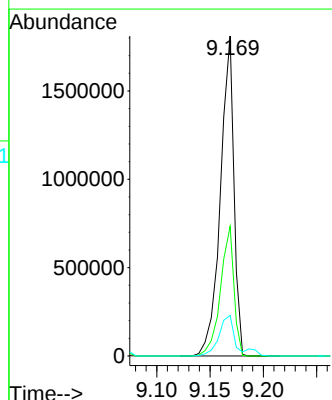
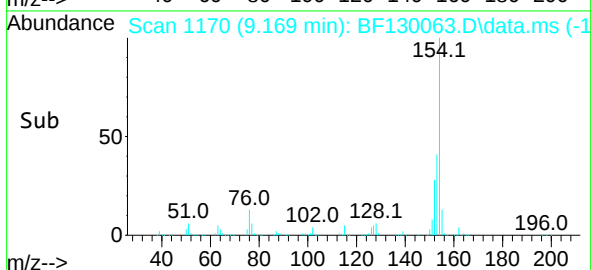
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

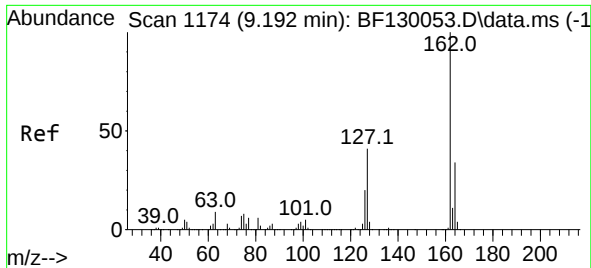


#46
1,1'-Biphenyl
Concen: 42.161 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:154 Resp: 1593012
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 12.7 0.0 32.1





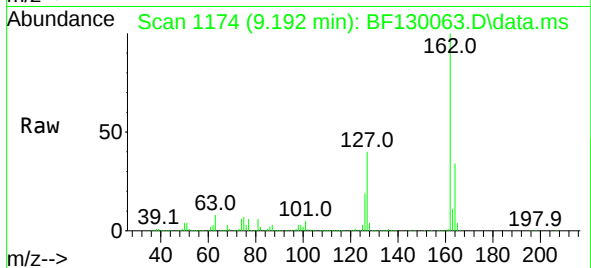
#47
2-Chloronaphthalene
Concen: 41.622 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

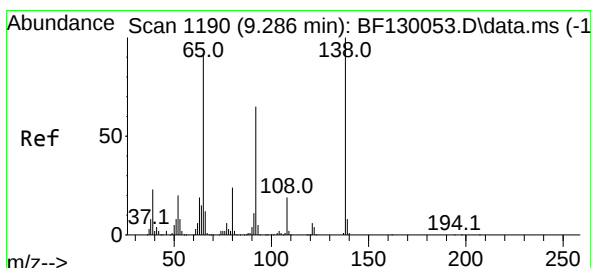
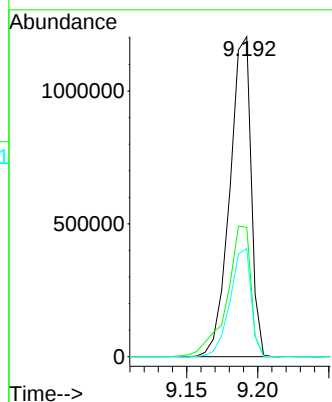
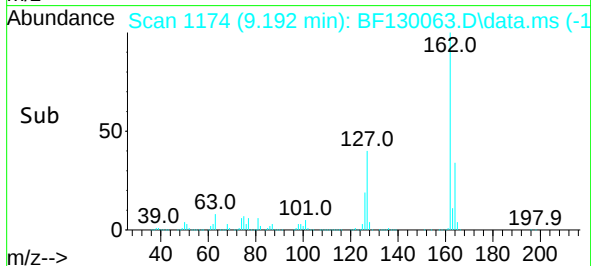


Tgt Ion:162 Resp: 1260054
Ion Ratio Lower Upper
162 100
127 40.4 33.1 49.7
164 33.8 26.7 40.1

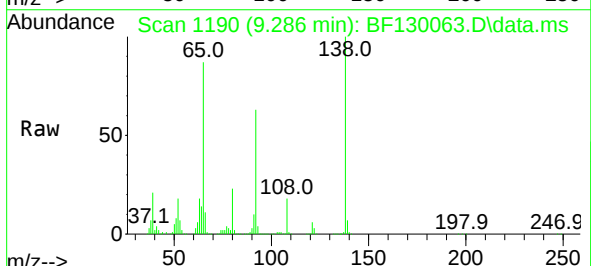
Manual Integrations

APPROVED

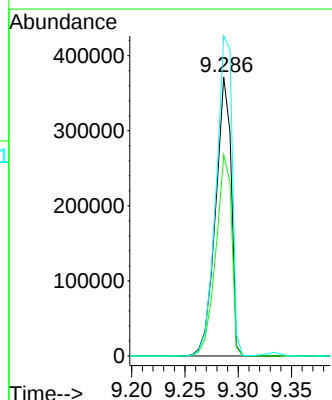
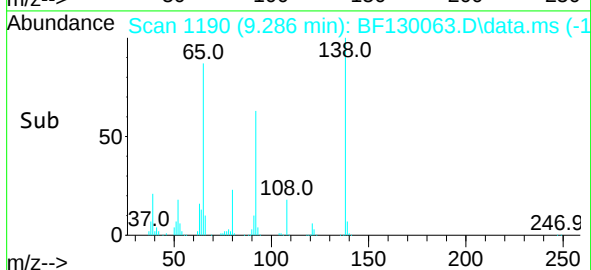
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

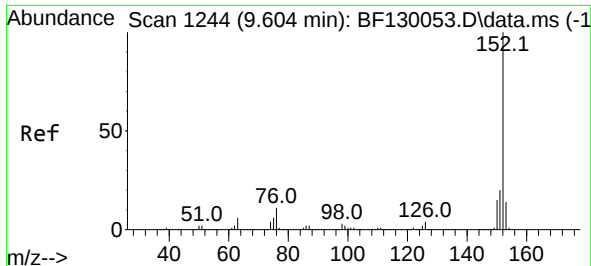


#48
2-Nitroaniline
Concen: 50.706 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion: 65 Resp: 378277
Ion Ratio Lower Upper
65 100
92 72.1 55.0 82.4
138 114.7 81.3 121.9





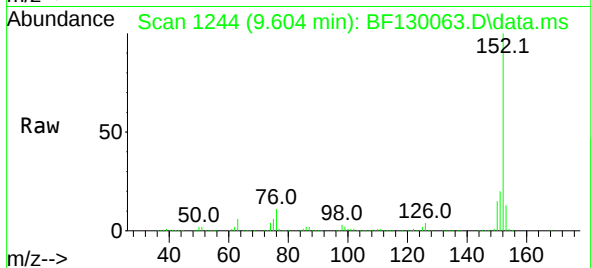
#49
Acenaphthylene
Concen: 42.288 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

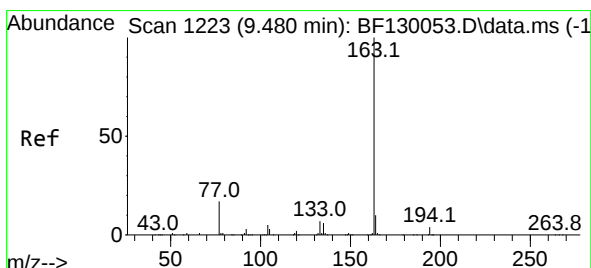
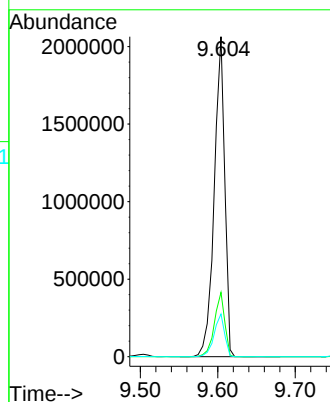
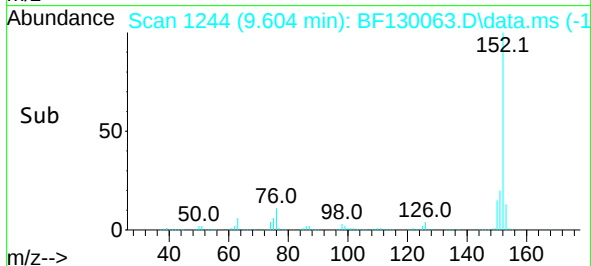


Tgt Ion:152 Resp: 1944033
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.6 16.0

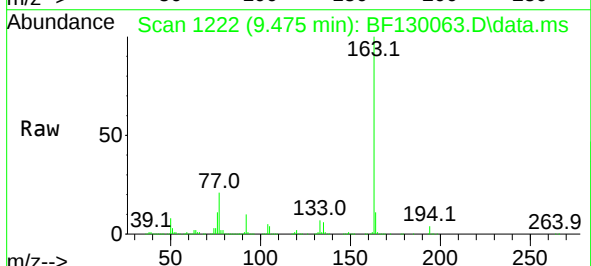
Manual Integrations

APPROVED

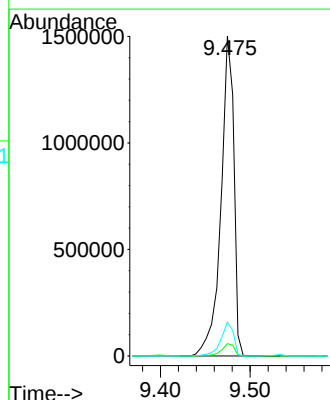
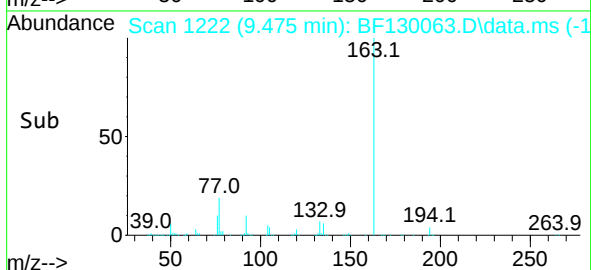
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

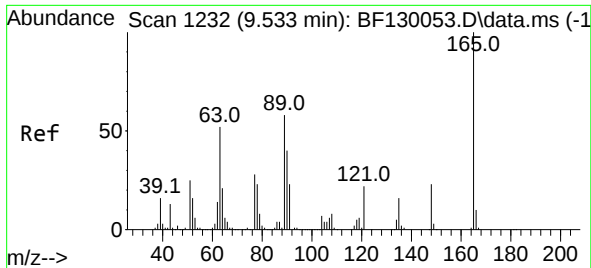


#50
Dimethylphthalate
Concen: 42.380 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



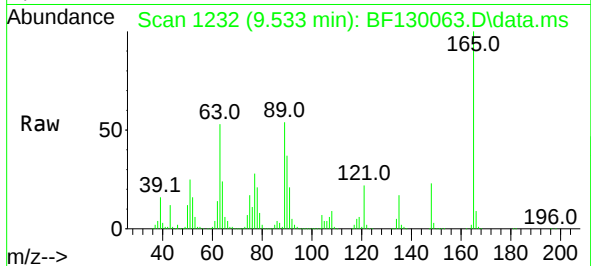
Tgt Ion:163 Resp: 1501265
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.425 ng
RT: 9.533 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

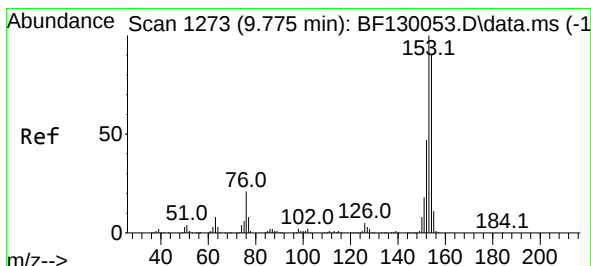
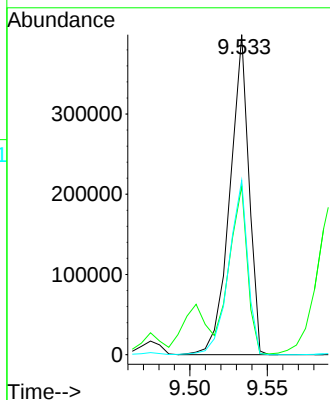
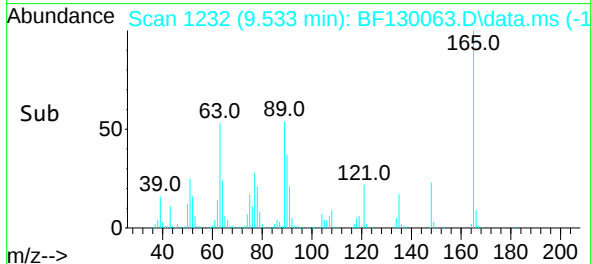
Instrument :
BNA_F
ClientSampleId :
PB147308BS



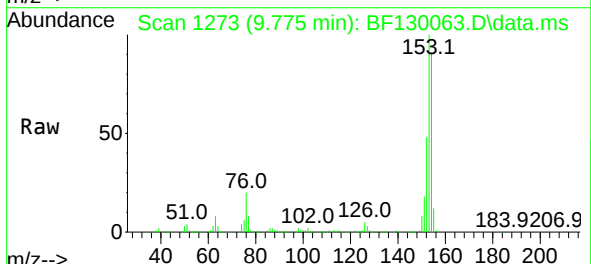
Tgt Ion:165 Resp: 34135
Ion Ratio Lower Upper
165 100
63 52.7 47.8 71.8
89 54.4 47.2 70.8

Manual Integrations
APPROVED

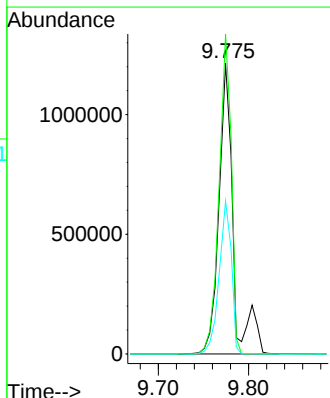
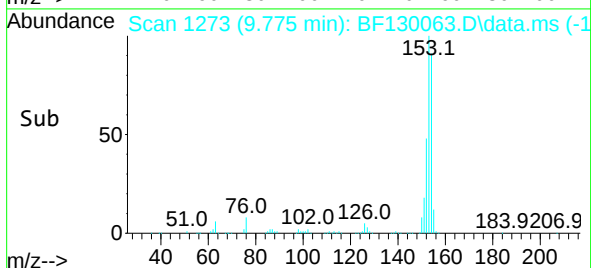
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

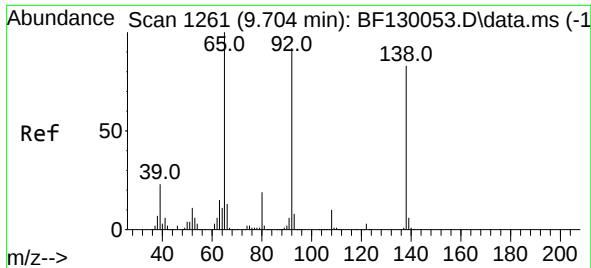


#52
Acenaphthene
Concen: 45.798 ng m
RT: 9.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:154 Resp: 1326884
Ion Ratio Lower Upper
154 100
153 110.1 89.8 134.6
152 52.6 42.1 63.1





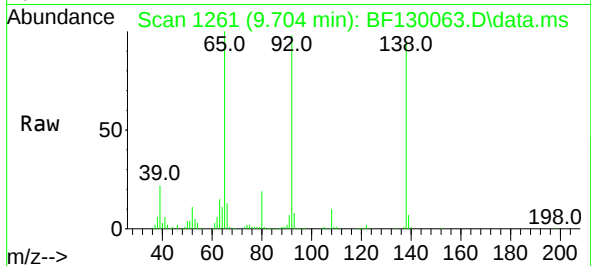
#53
3-Nitroaniline
Concen: 40.843 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

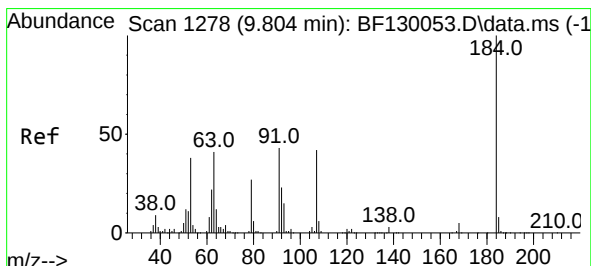
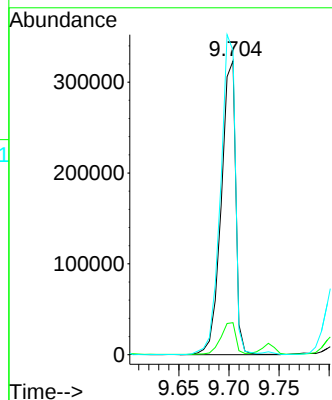
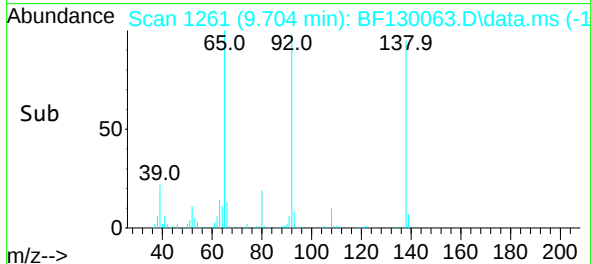


Tgt Ion:138 Resp: 323774
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 103.5 89.8 134.8

Manual Integrations

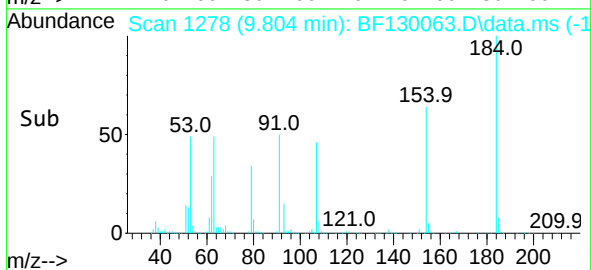
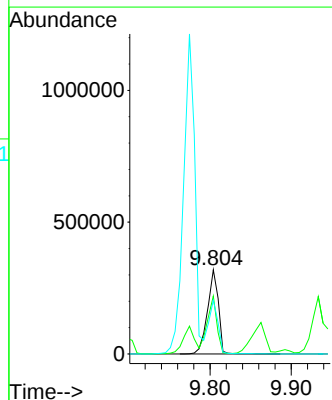
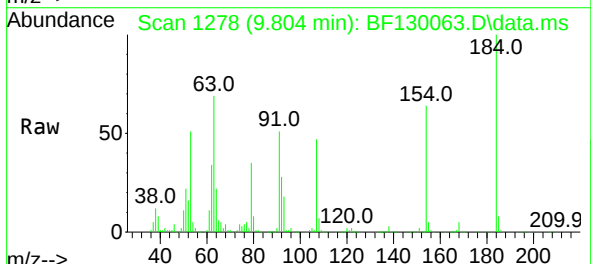
APPROVED

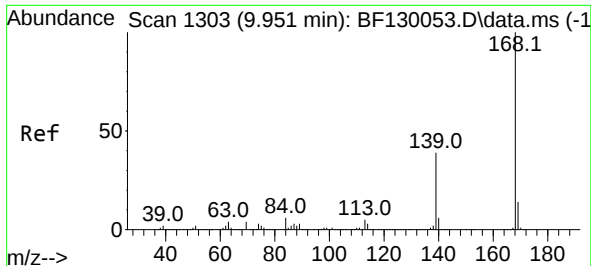
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#54
2,4-Dinitrophenol
Concen: 93.519 ng
RT: 9.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:184 Resp: 298004
Ion Ratio Lower Upper
184 100
63 68.7 59.6 89.4
154 63.8 55.3 82.9





#55

Dibenzenofuran

Concen: 41.730 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

Tgt Ion:168 Resp: 1731240

Ion Ratio Lower Upper

168 100

139 40.5 31.3 46.9

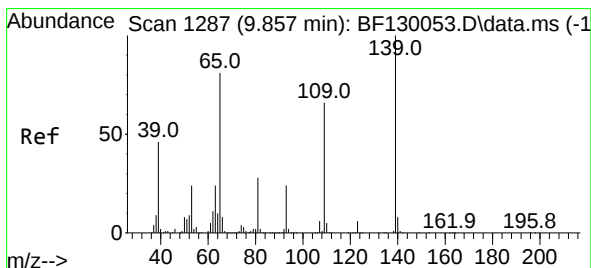
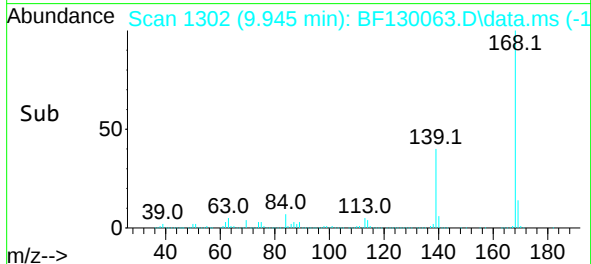
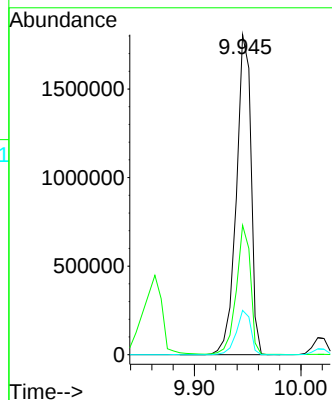
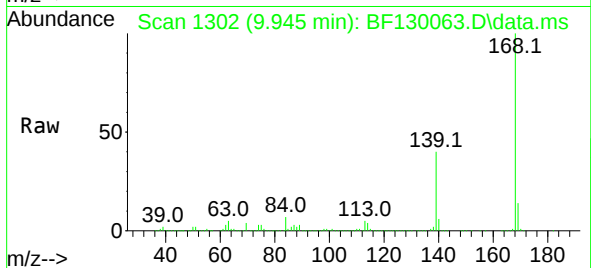
169 13.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#56

4-Nitrophenol

Concen: 91.923 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

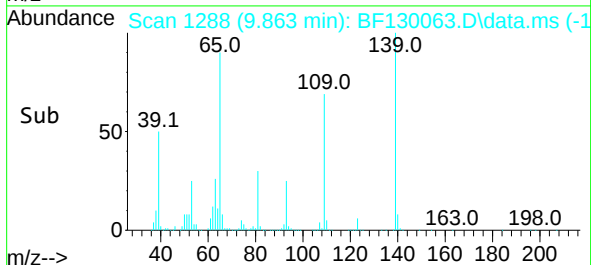
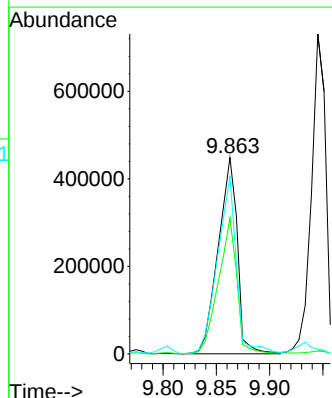
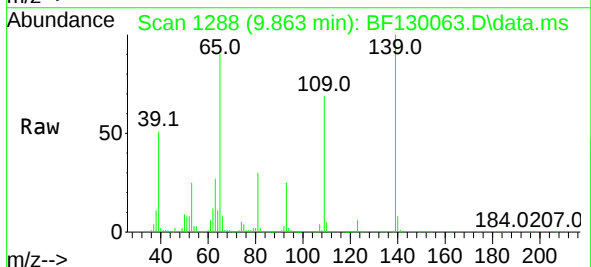
Tgt Ion:139 Resp: 561801

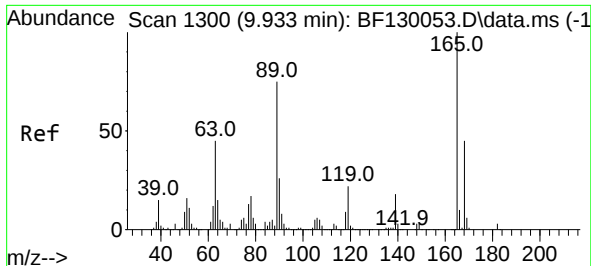
Ion Ratio Lower Upper

139 100

109 69.3 52.9 92.9

65 90.4 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 52.117 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.000 min

Lab File: BF130063.D

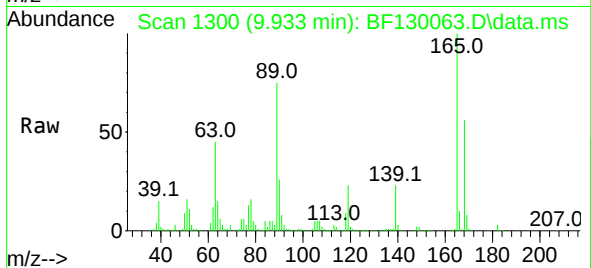
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS



Tgt Ion:165 Resp: 414414

Ion Ratio Lower Upper

165 100

63 45.4 48.4 72.6

89 74.6 62.3 93.5

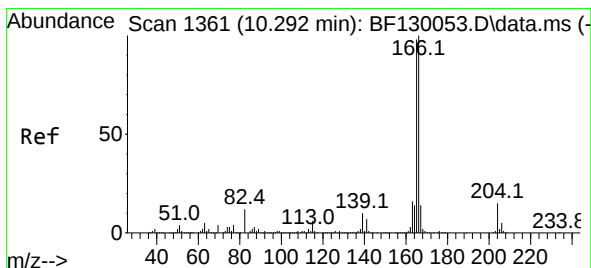
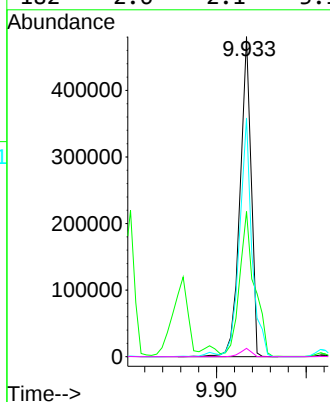
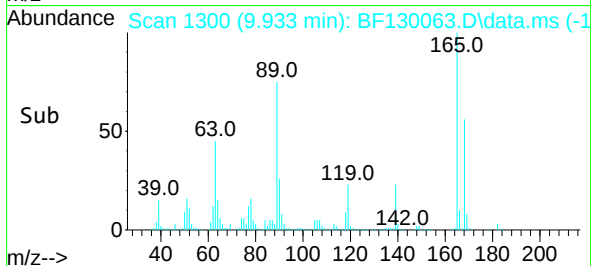
182 2.6 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#58

Fluorene

Concen: 39.957 ng

RT: 10.292 min Scan# 1361

Delta R.T. -0.000 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

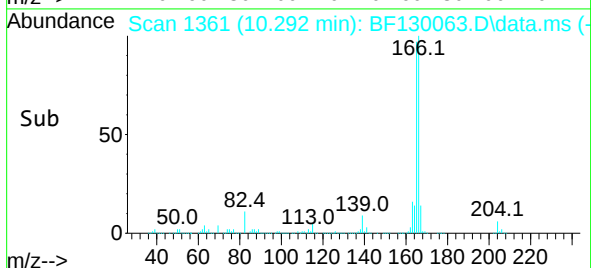
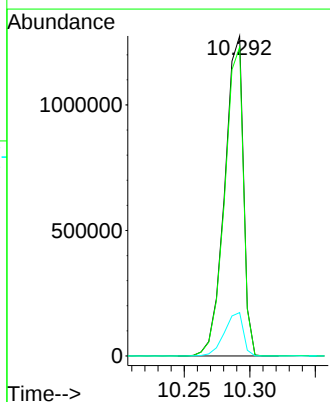
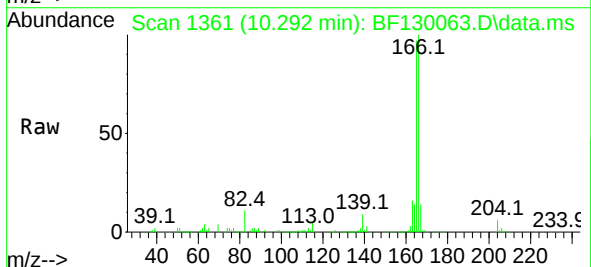
Tgt Ion:166 Resp: 1261317

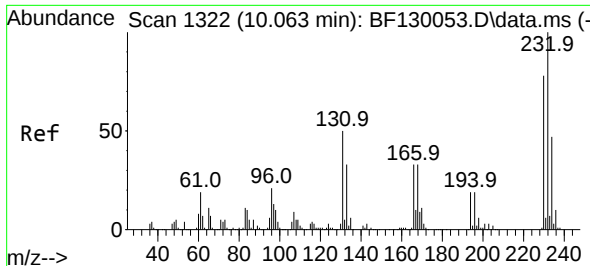
Ion Ratio Lower Upper

166 100

165 96.5 77.9 116.9

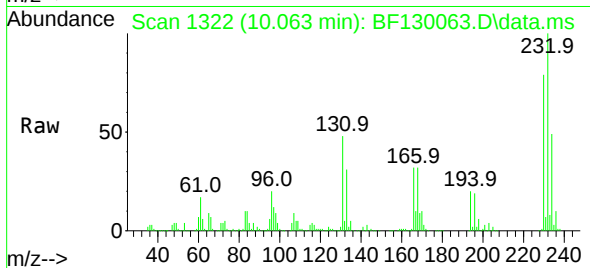
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.217 ng
RT: 10.063 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

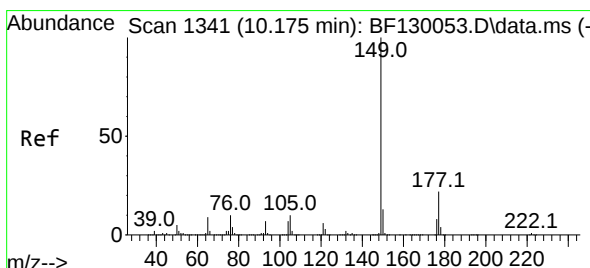
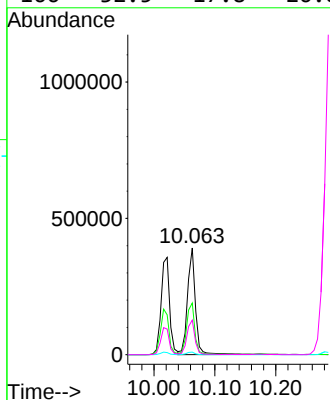
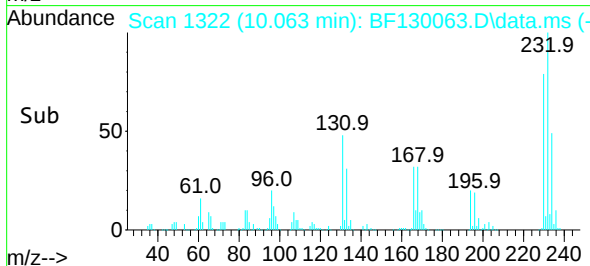
Instrument :
BNA_F
ClientSampleId :
PB147308BS



Tgt Ion:232 Resp: 352188
Ion Ratio Lower Upper
232 100
131 49.9 29.9 44.9
130 2.5 1.5 2.3
166 32.5 17.8 26.8

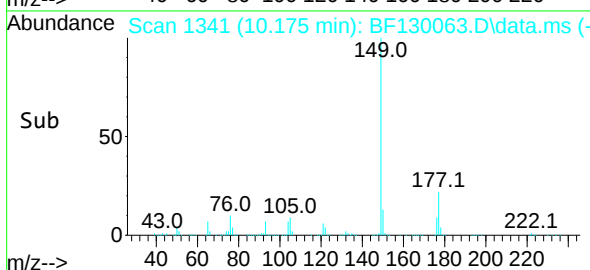
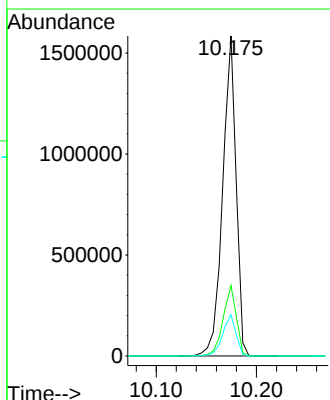
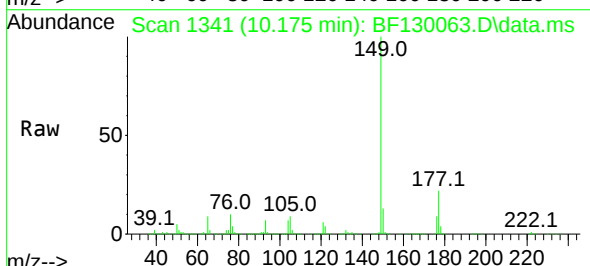
Manual Integrations
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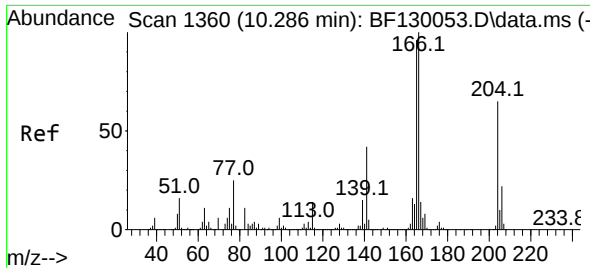
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#60
Diethylphthalate
Concen: 42.786 ng
RT: 10.175 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:149 Resp: 1466268
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.607 ng
RT: 10.280 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

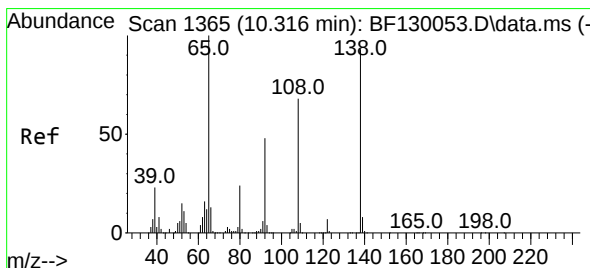
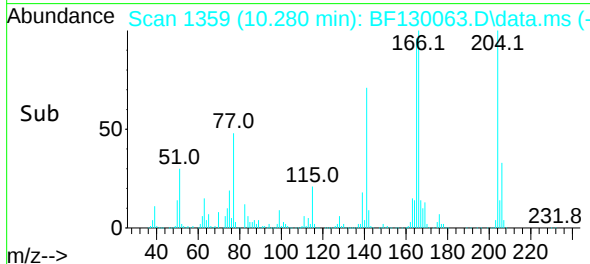
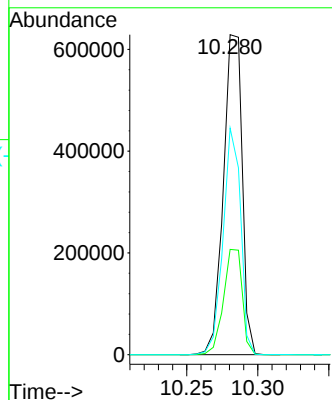
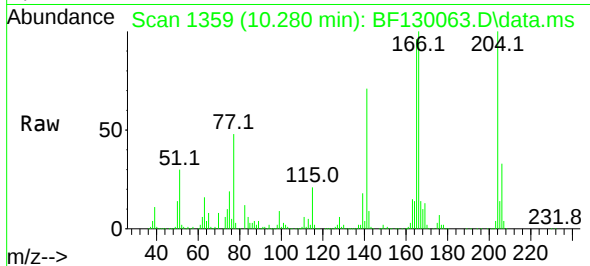
ClientSampleId :

PB147308BS

Tgt Ion:204 Resp: 58059
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 70.8 52.6 79.0

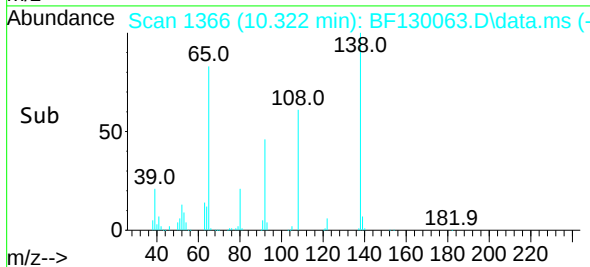
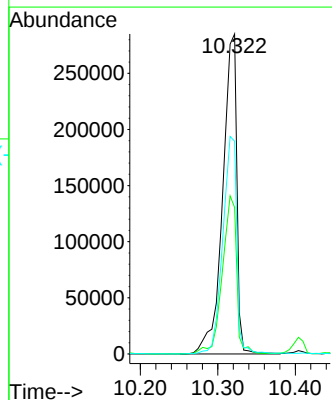
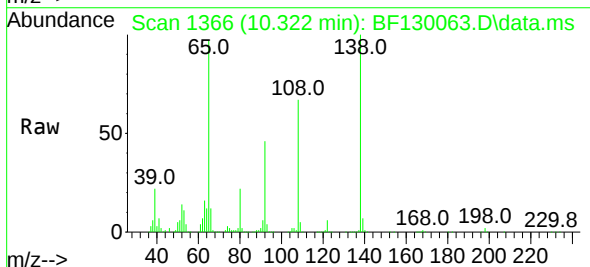
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APPROVED

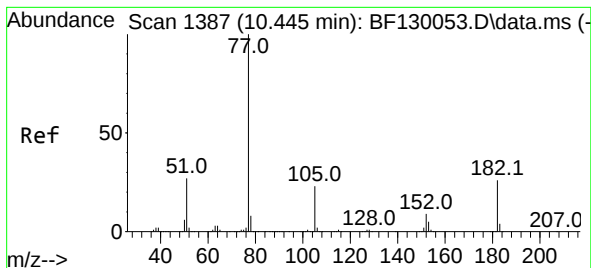
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#62
4-Nitroaniline
Concen: 46.851 ng
RT: 10.322 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:138 Resp: 361202
Ion Ratio Lower Upper
138 100
92 45.8 30.3 70.3
108 66.5 55.7 95.7





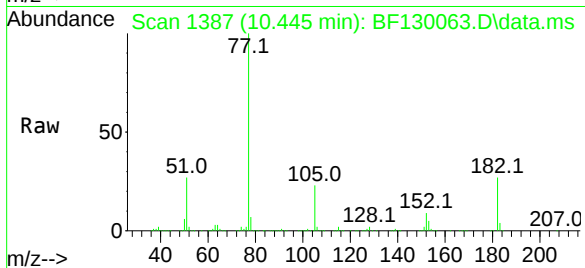
#63
Azobenzene
Concen: 41.956 ng
RT: 10.445 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

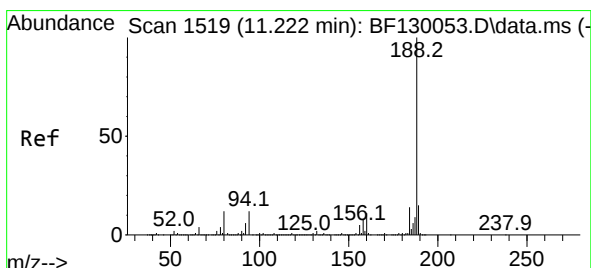
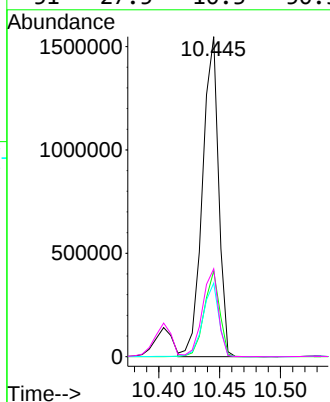
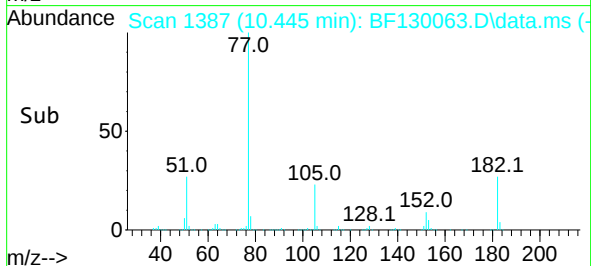


Tgt Ion: 77 Resp: 141564
Ion Ratio Lower Upper
77 100
182 26.8 2.2 42.2
105 23.0 0.8 40.8
51 27.5 10.3 50.3

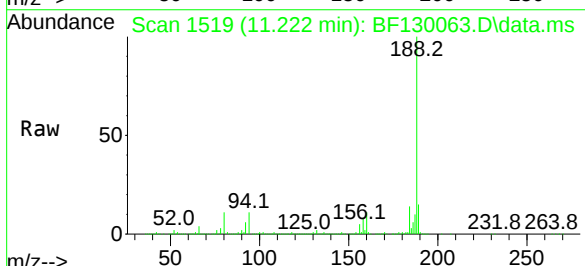
Manual Integrations

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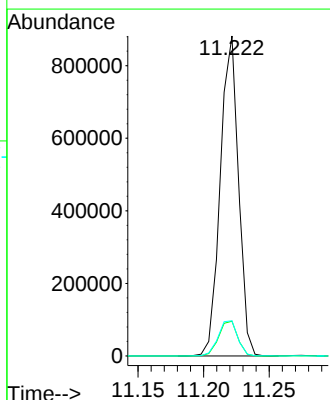
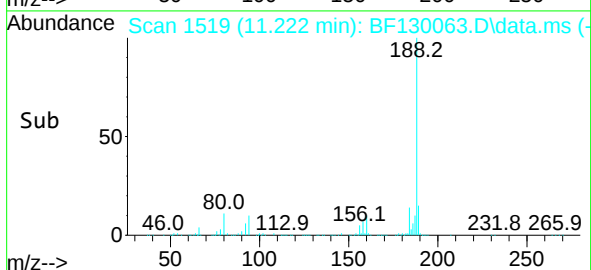
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

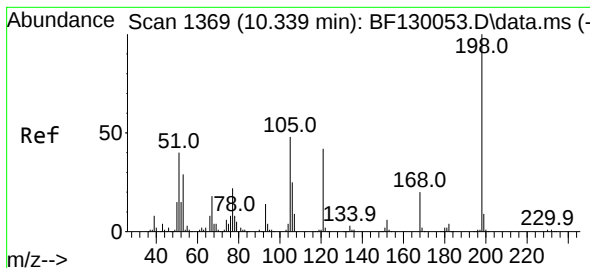


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:188 Resp: 851193
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.0 7.9 11.9





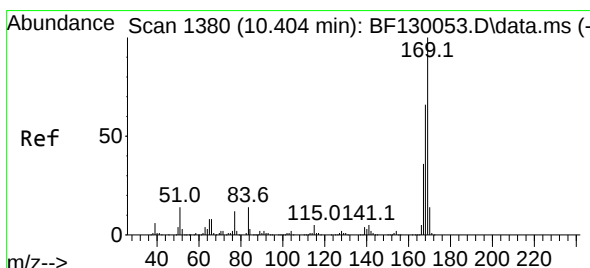
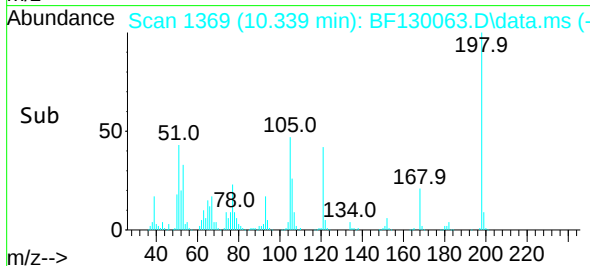
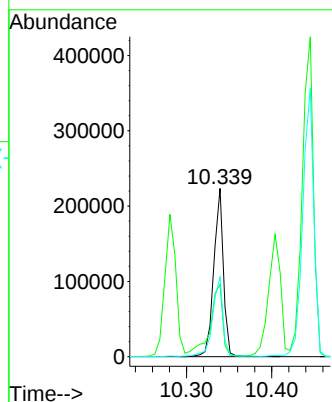
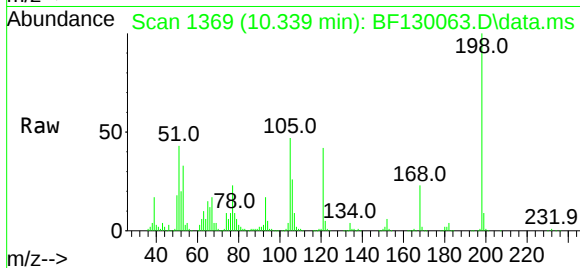
#65
4,6-Dinitro-2-methylphenol
Concen: 44.408 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :
BNA_F
ClientSampleId :
PB147308BS

Tgt Ion:198 Resp: 17586
Ion Ratio Lower Upper
198 100
51 42.8 29.4 69.4
105 47.2 29.2 69.2

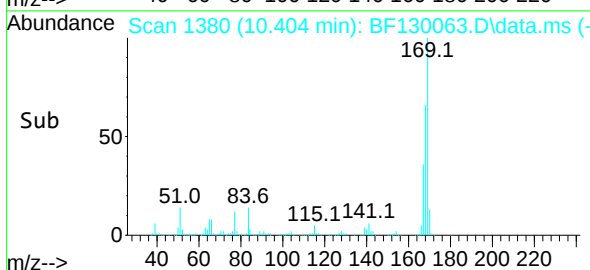
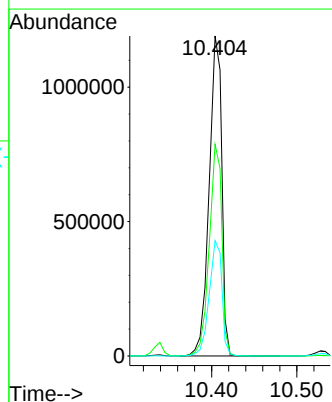
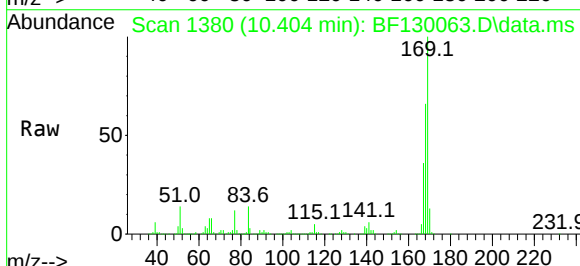
Manual Integrations
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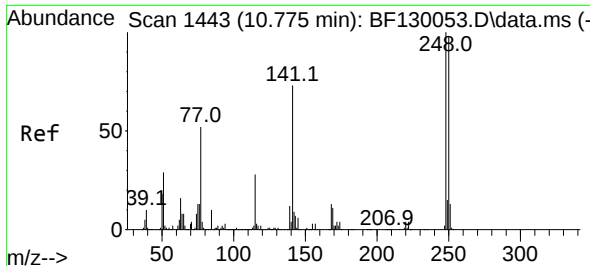
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#66
n-Nitrosodiphenylamine
Concen: 42.908 ng
RT: 10.404 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:169 Resp: 1220924
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.0 29.1 43.7





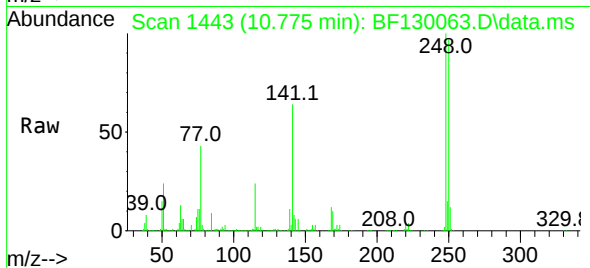
#67
4-Bromophenyl-phenylether
Concen: 43.669 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS



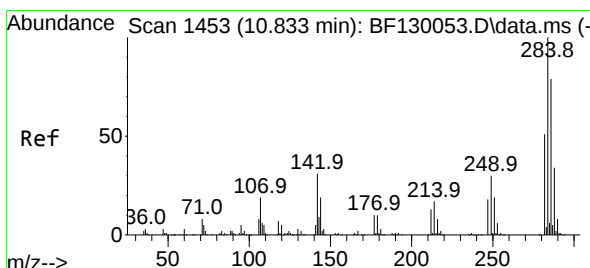
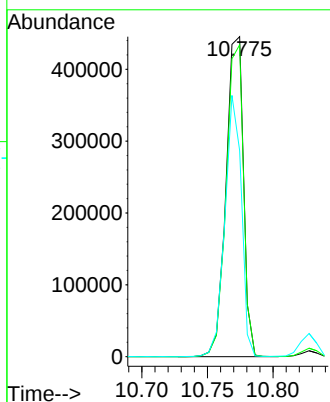
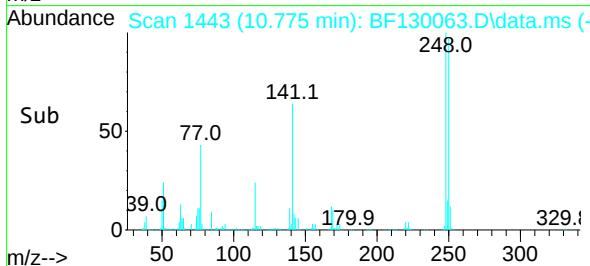
Tgt Ion:248 Resp: 413454
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 64.4 66.2 99.2

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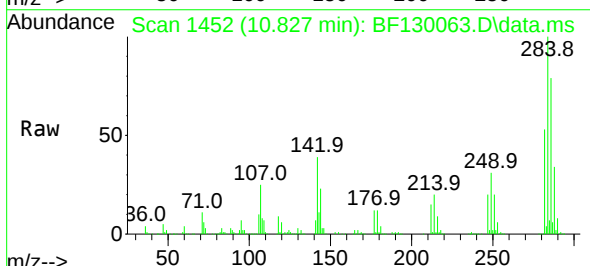
APPROVED

Reviewed By :Christian Giraldo 09/01/2022

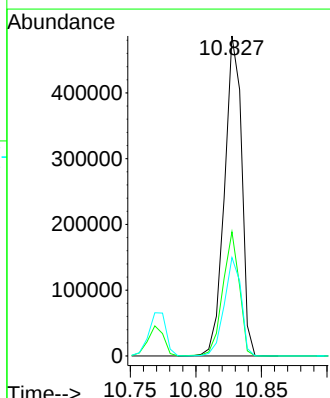
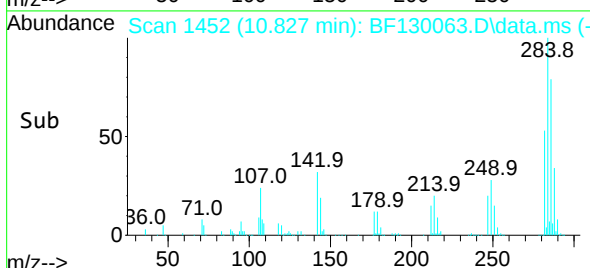
Supervised By :Jagrut Upadhyay 09/01/2022

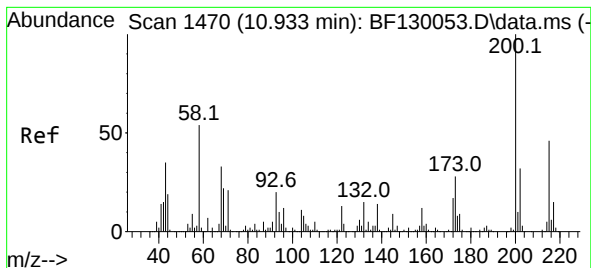


#68
Hexachlorobenzene
Concen: 42.855 ng
RT: 10.827 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41



Tgt Ion:284 Resp: 442109
Ion Ratio Lower Upper
284 100
142 38.8 31.4 47.0
249 30.8 25.7 38.5





#69

Atrazine

Concen: 47.452 ng

RT: 10.939 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BF130063.D

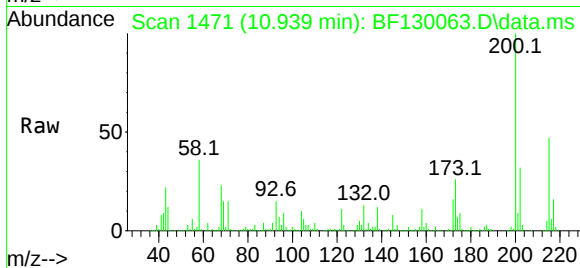
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS



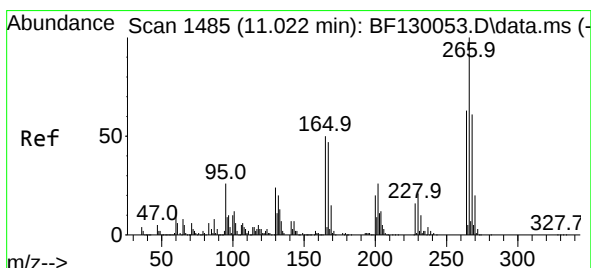
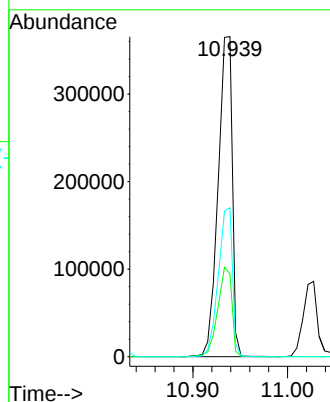
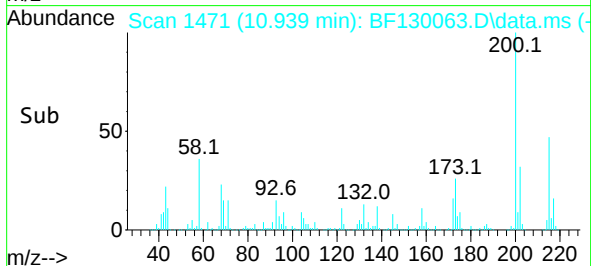
Tgt Ion:200 Resp: 38198

Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.4	46.4
215	46.5	27.1	67.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#70

Pentachlorophenol

Concen: 89.867 ng

RT: 11.027 min Scan# 1486

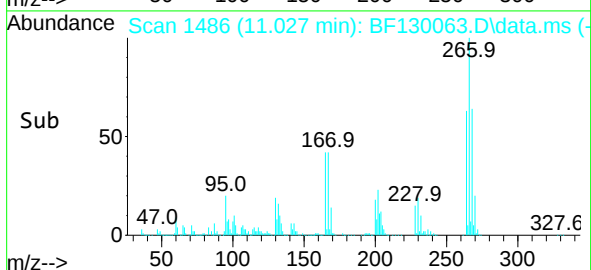
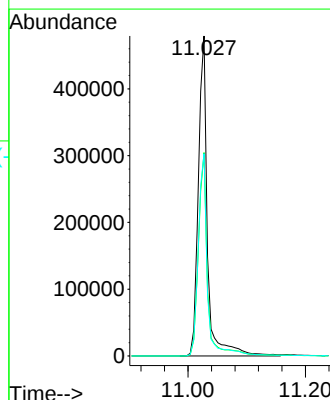
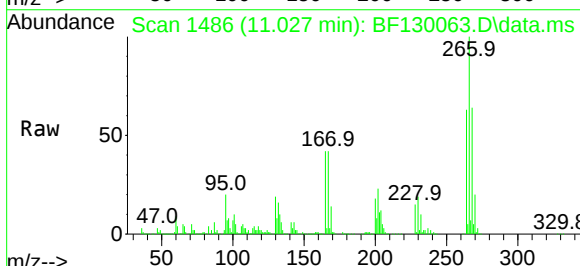
Delta R.T. 0.006 min

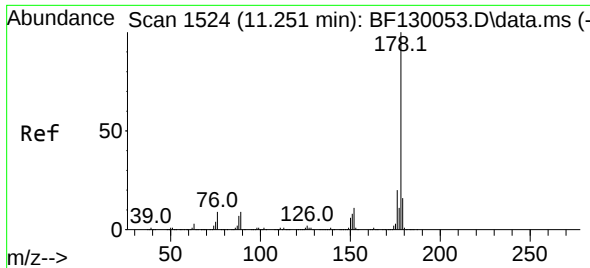
Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

Tgt Ion:266 Resp: 518427

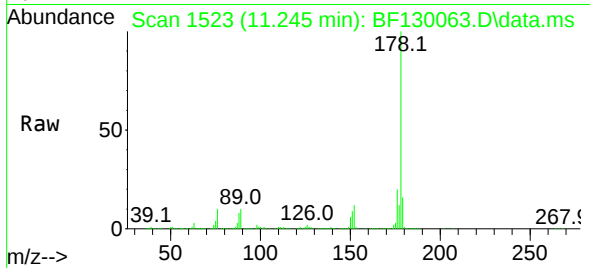
Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.0	73.4
264	63.3	47.9	71.9





#71
Phenanthrene
Concen: 40.425 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

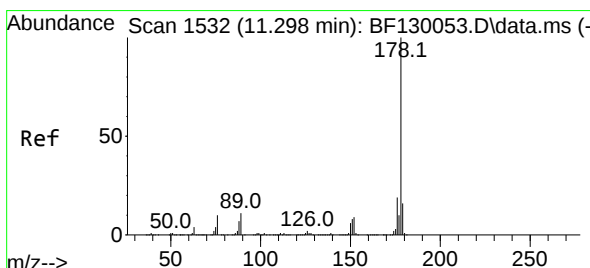
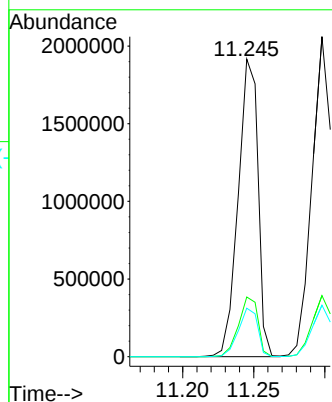
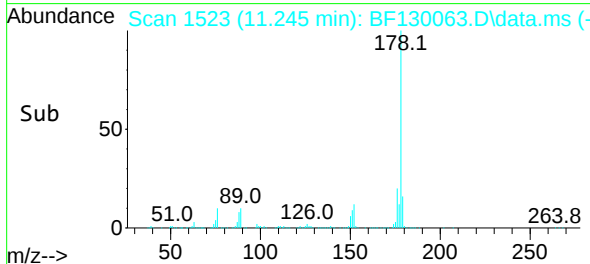
Instrument :
BNA_F
ClientSampleId :
PB147308BS



Tgt Ion:178 Resp: 186606
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.3 12.5 18.7

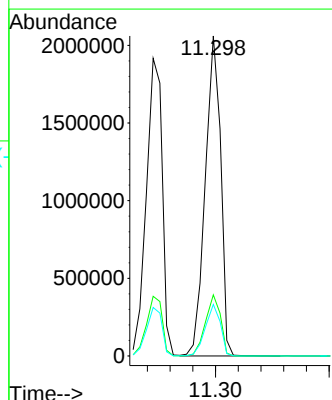
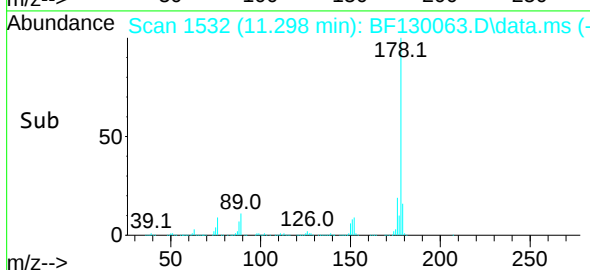
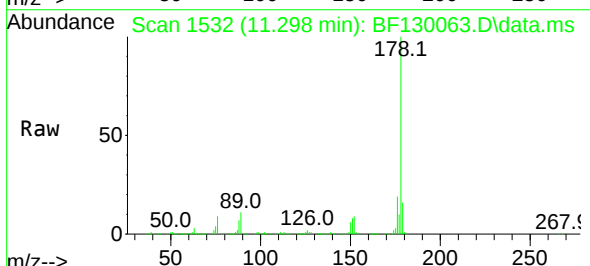
Manual Integrations
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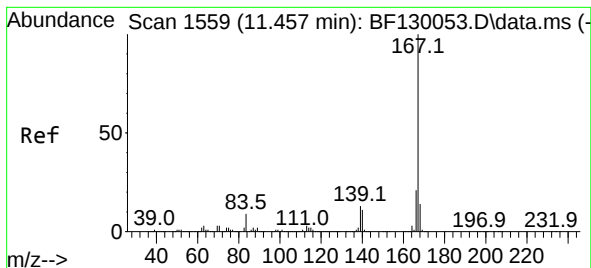
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#72
Anthracene
Concen: 42.715 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

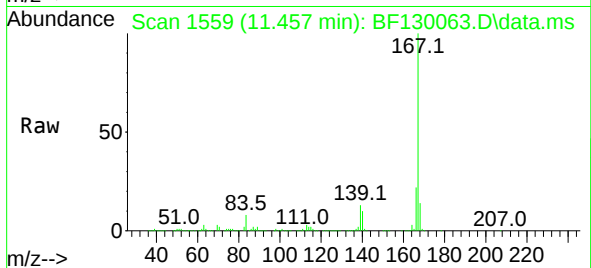
Tgt Ion:178 Resp: 1938335
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.1 12.6 18.8





#73
 Carbazole
 Concen: 43.088 ng
 RT: 11.457 min Scan# 1559
 Delta R.T. -0.000 min
 Lab File: BF130063.D
 Acq: 31 Aug 2022 21:41

Instrument : BNA_F
 ClientSampleId : PB147308BS

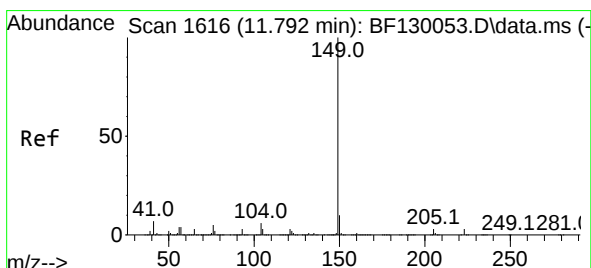
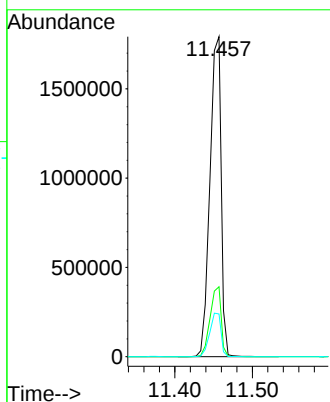
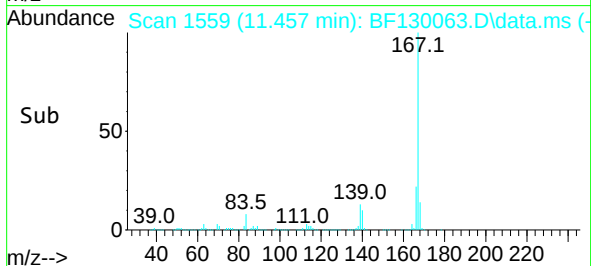


Tgt Ion:167 Resp: 1803050

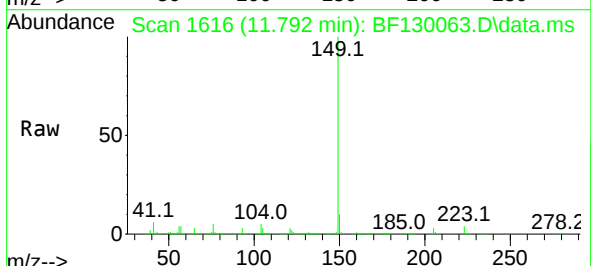
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	13.4	11.0	16.6

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Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

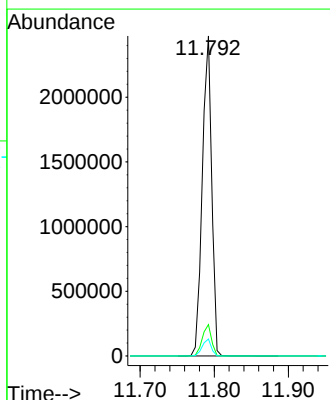
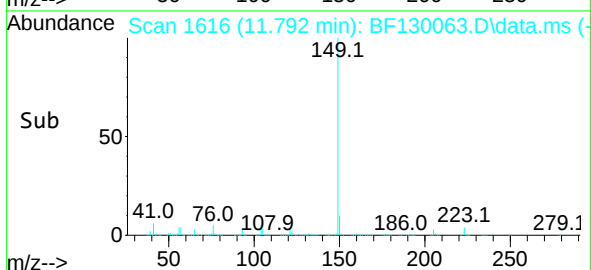


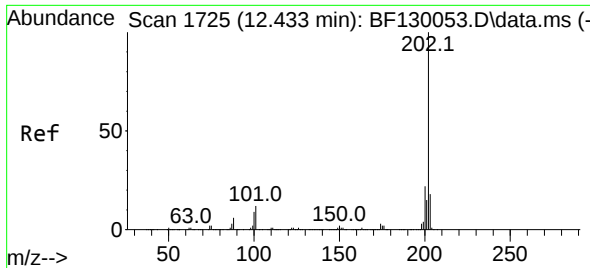
#74
 Di-n-butylphthalate
 Concen: 43.067 ng
 RT: 11.792 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF130063.D
 Acq: 31 Aug 2022 21:41



Tgt Ion:149 Resp: 2173134

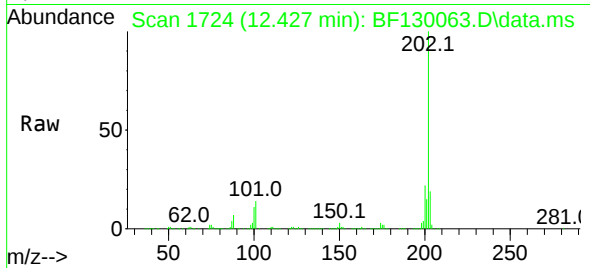
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.3	4.2	6.4





#75
Fluoranthene
Concen: 41.211 ng
RT: 12.427 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

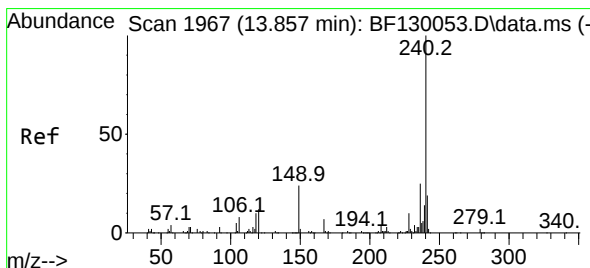
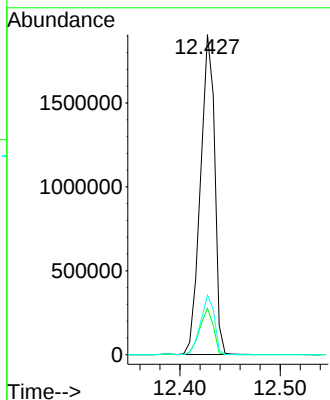
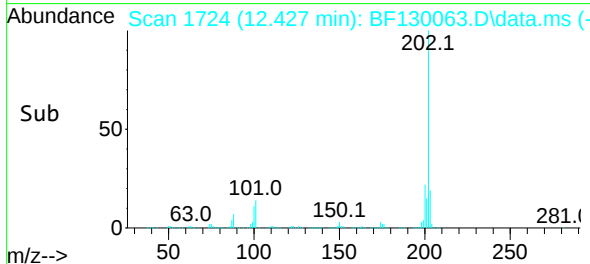
Instrument :
BNA_F
ClientSampleId :
PB147308BS



Tgt Ion:202 Resp: 1886432
Ion Ratio Lower Upper
202 100
101 14.4 0.0 30.7
203 18.6 0.0 37.5

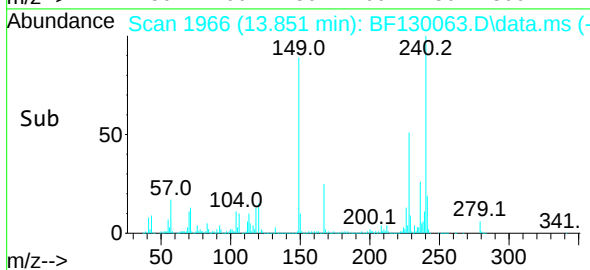
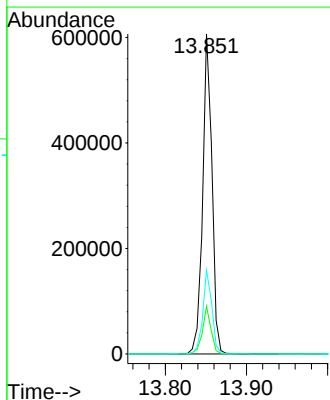
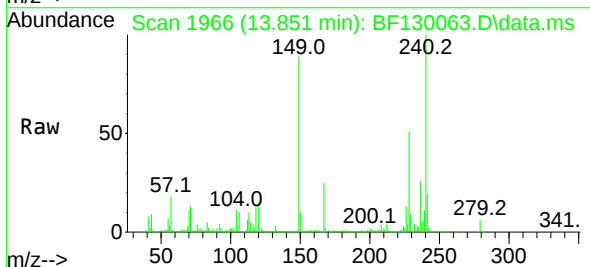
Manual Integrations
APPROVED

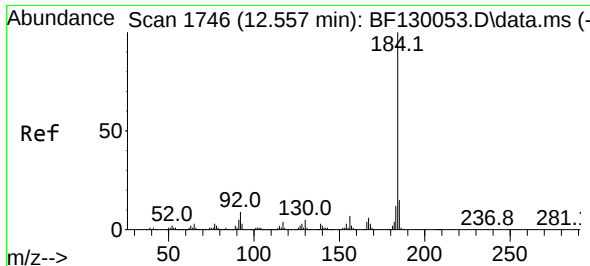
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

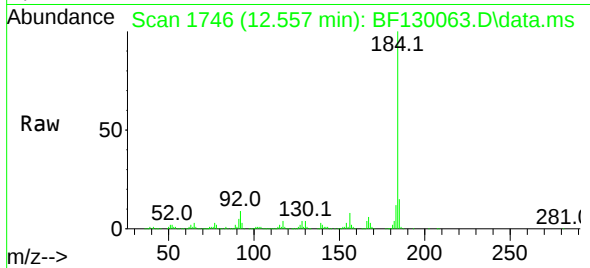
Tgt Ion:240 Resp: 481528
Ion Ratio Lower Upper
240 100
120 14.9 9.2 13.8#
236 26.3 20.7 31.1





#77
Benzidine
Concen: 82.203 ng
RT: 12.557 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

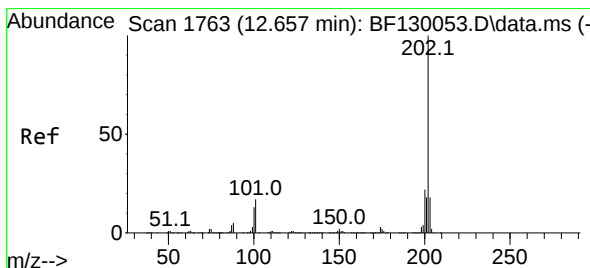
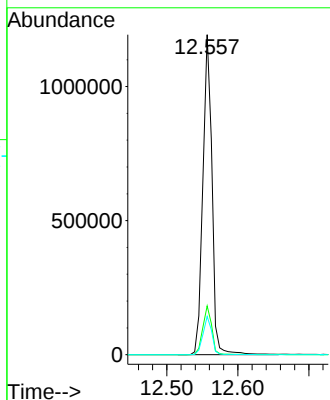
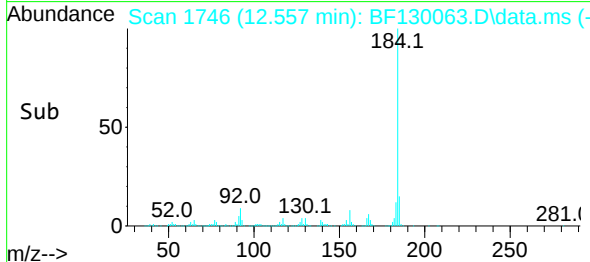
Instrument :
BNA_F
ClientSampleId :
PB147308BS



Tgt Ion:184 Resp: 1068700
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.2
183 11.9 9.4 14.2

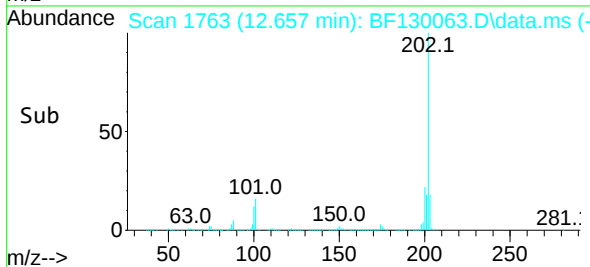
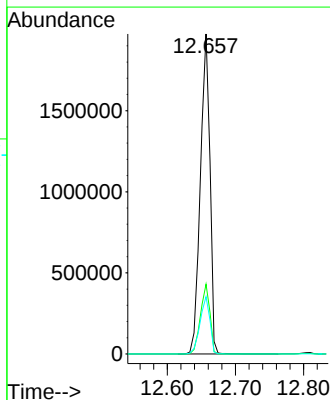
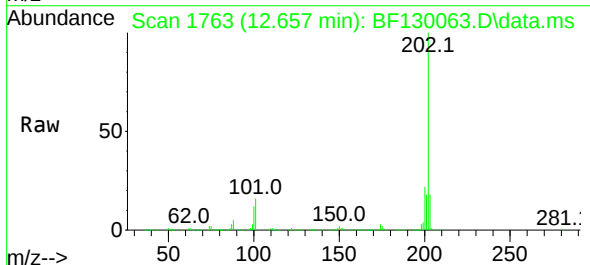
Manual Integrations
APPROVED

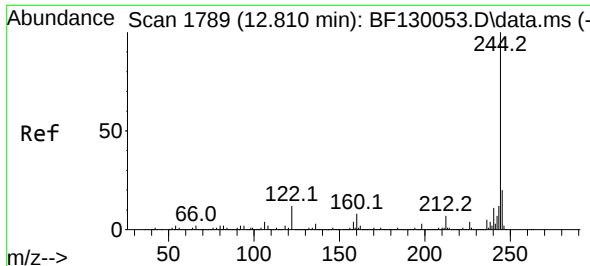
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#78
Pyrene
Concen: 44.492 ng
RT: 12.657 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:202 Resp: 1921642
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 17.9 14.1 21.1





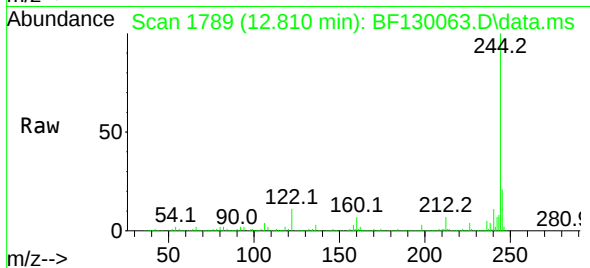
#79
 Terphenyl-d14
 Concen: 90.432 ng
 RT: 12.810 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: BF130063.D
 Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

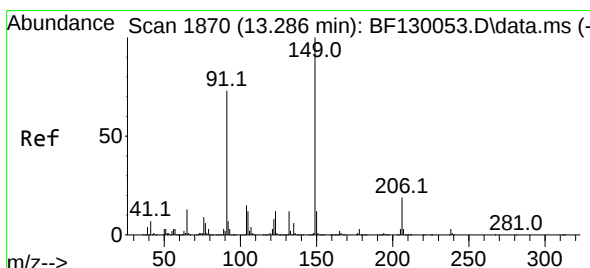
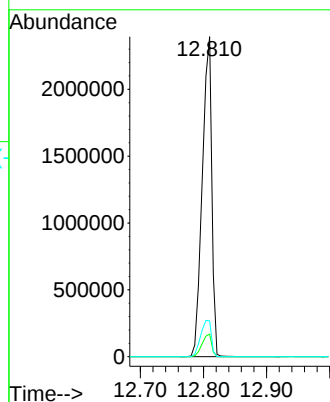
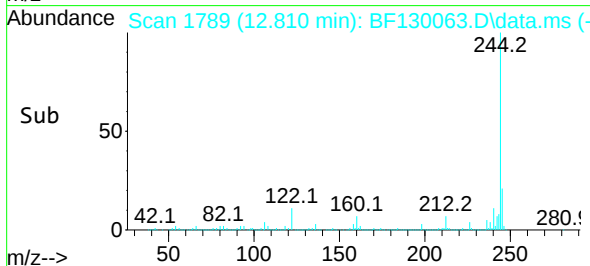


Tgt Ion:244 Resp: 2511098
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.2 9.9 14.9

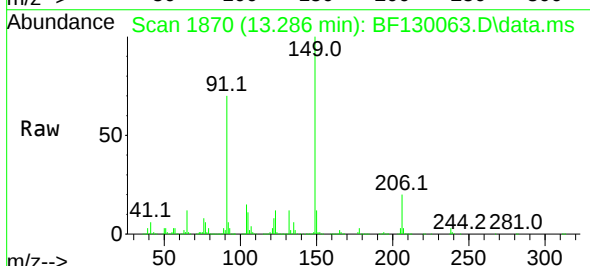
Manual Integrations

APPROVED

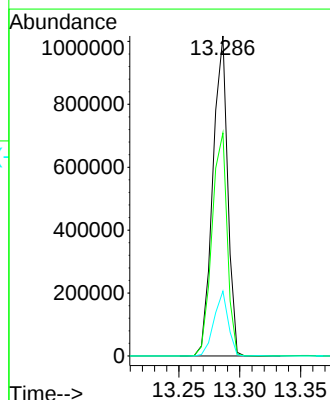
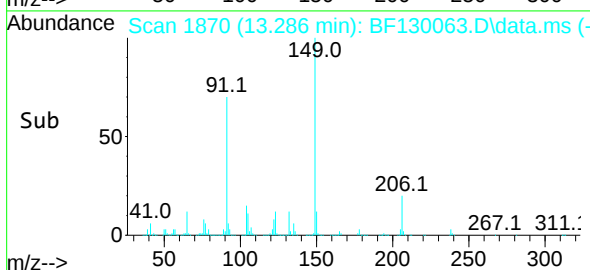
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

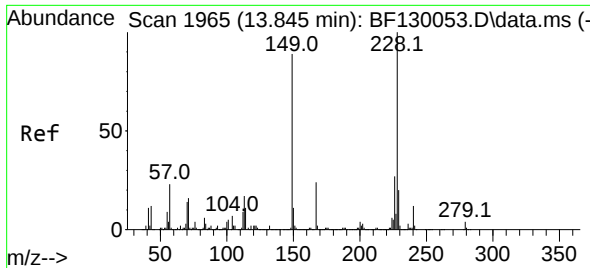


#80
 Butylbenzylphthalate
 Concen: 50.150 ng
 RT: 13.286 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130063.D
 Acq: 31 Aug 2022 21:41



Tgt Ion:149 Resp: 861530
 Ion Ratio Lower Upper
 149 100
 91 69.7 55.4 83.0
 206 20.2 15.8 23.6





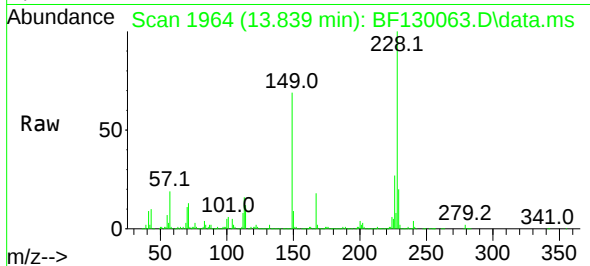
#81
Benzo(a)anthracene
Concen: 42.892 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

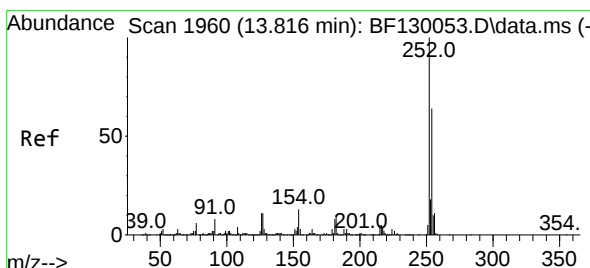
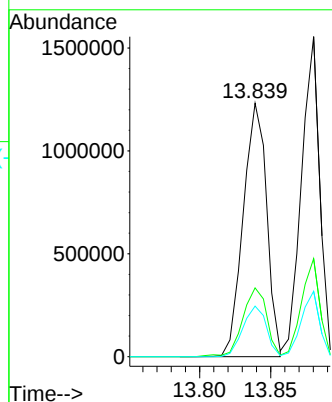
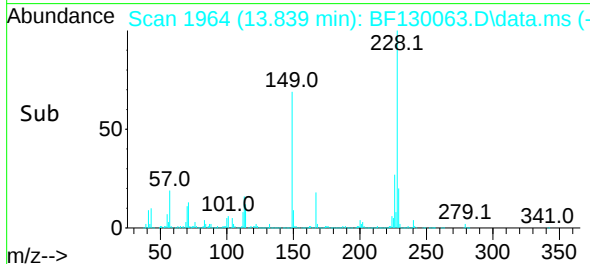


Tgt Ion:228 Resp: 1415399
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 20.0 16.1 24.1

Manual Integrations

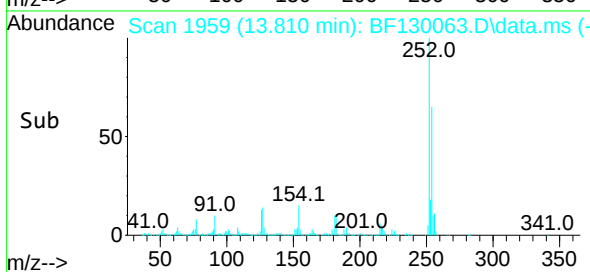
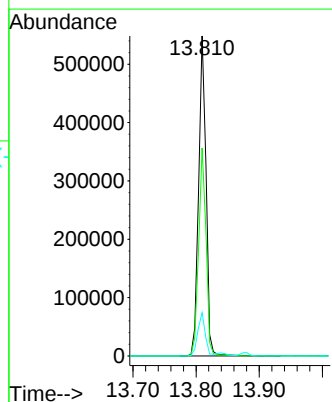
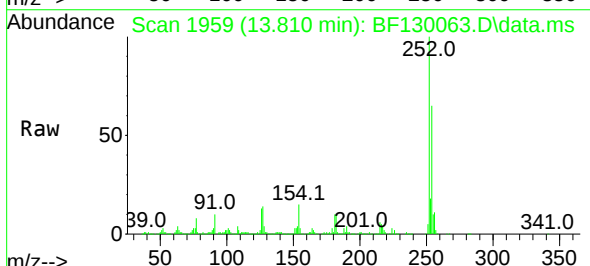
APPROVED

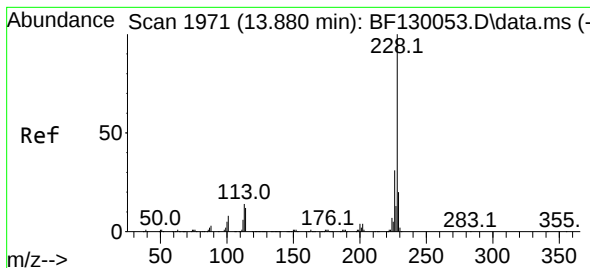
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 43.336 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:252 Resp: 445960
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 13.5 10.2 15.4





#83

Chrysene

Concen: 42.748 ng

RT: 13.880 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BF130063.D

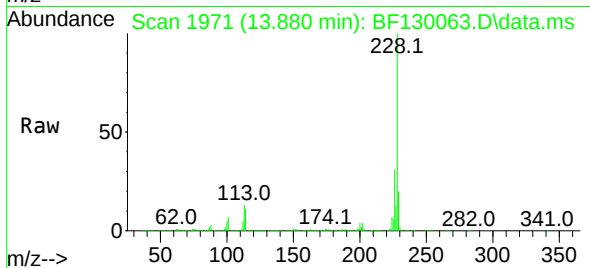
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS



Tgt Ion:228 Resp: 139079

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

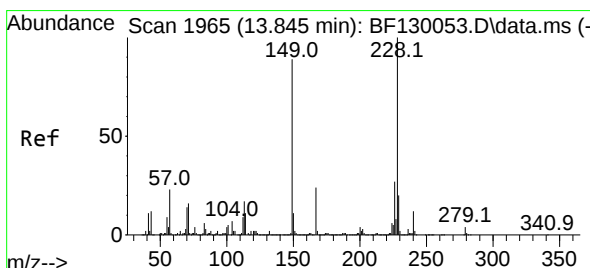
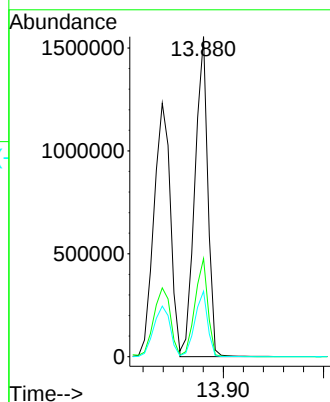
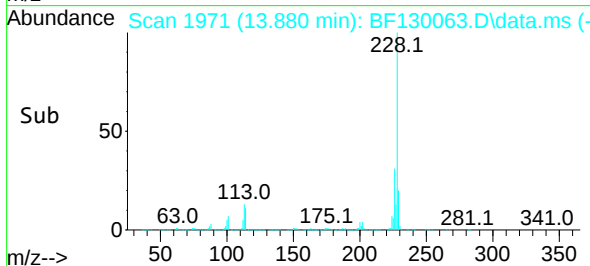
229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.203 ng

RT: 13.845 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

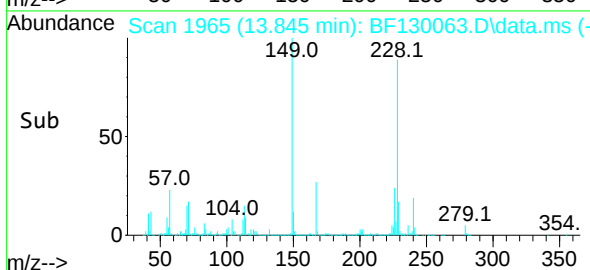
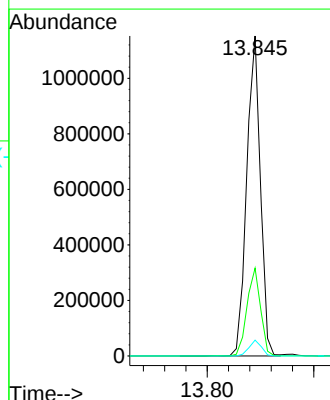
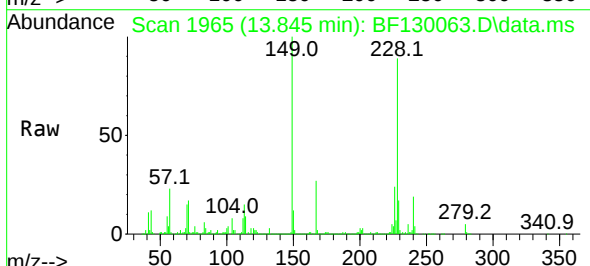
Tgt Ion:149 Resp: 1029318

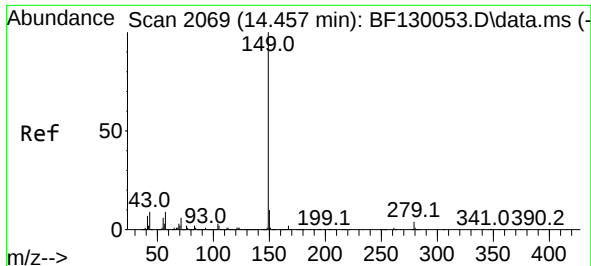
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 50.202 ng
RT: 14.457 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

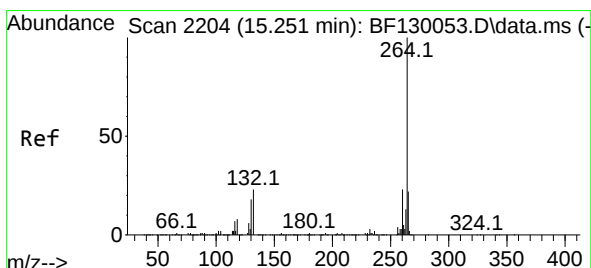
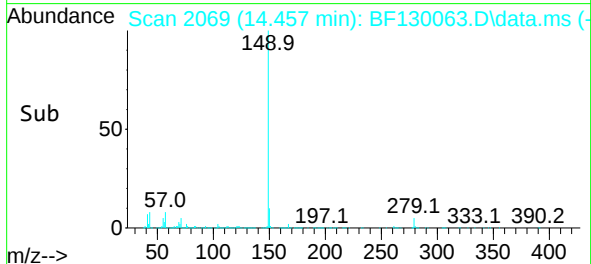
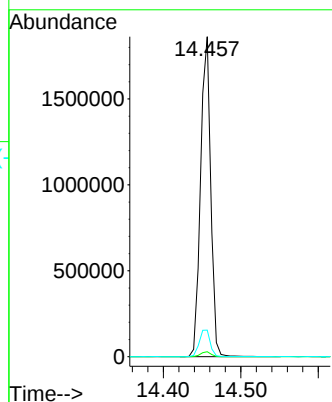
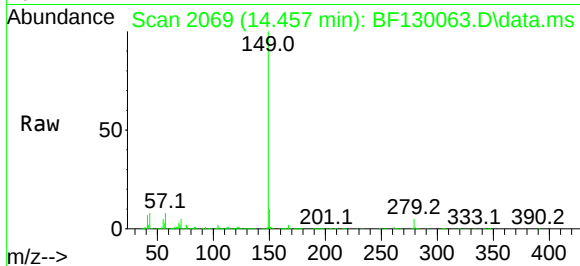
PB147308BS

Tgt Ion:149 Resp: 1693352
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.6

Manual Integrations

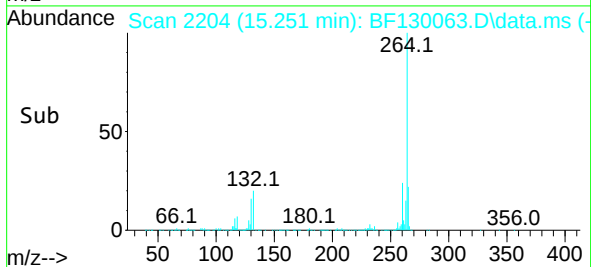
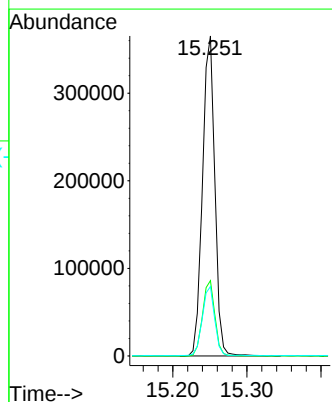
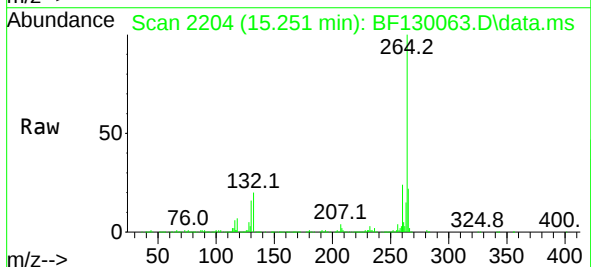
APPROVED

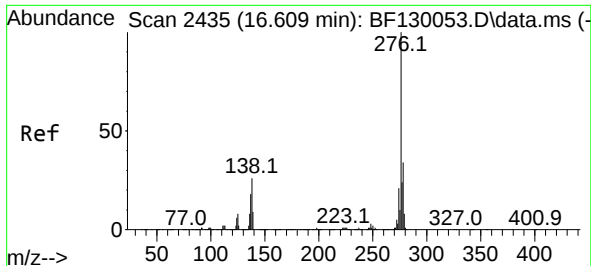
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.251 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:264 Resp: 422869
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.7 16.7 25.1





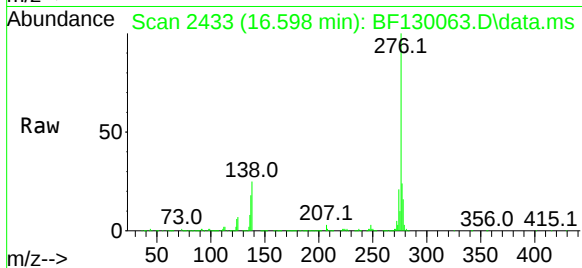
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.328 ng
RT: 16.598 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

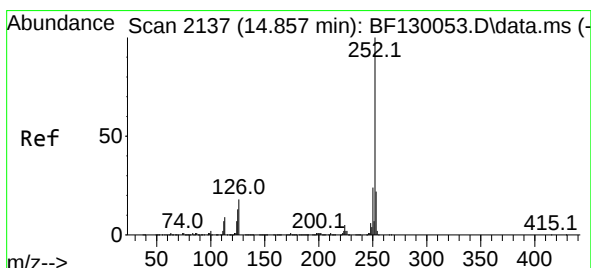
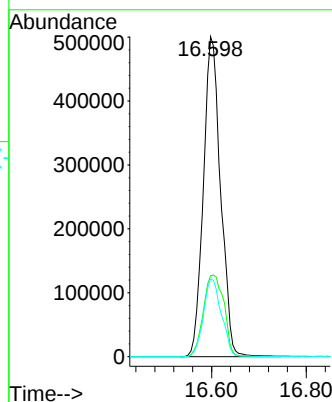
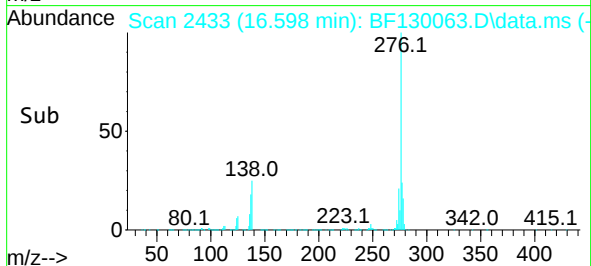


Tgt Ion:276 Resp: 1264384
Ion Ratio Lower Upper
276 100
138 30.5 19.8 29.8
277 25.4 20.4 30.6

Manual Integrations

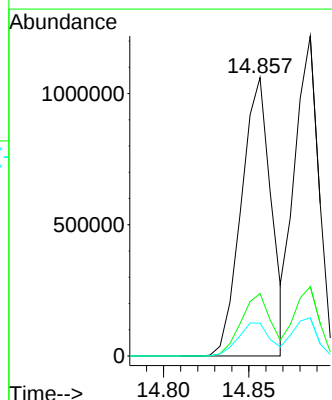
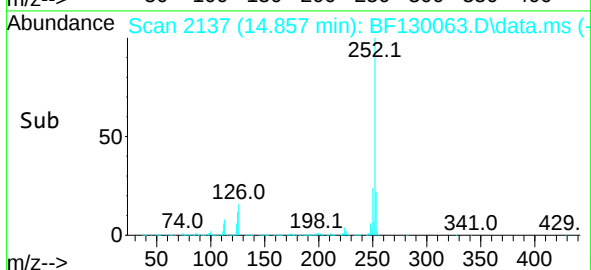
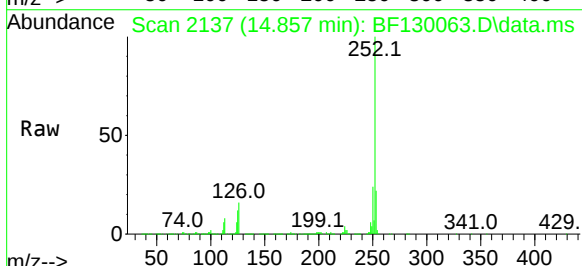
APPROVED

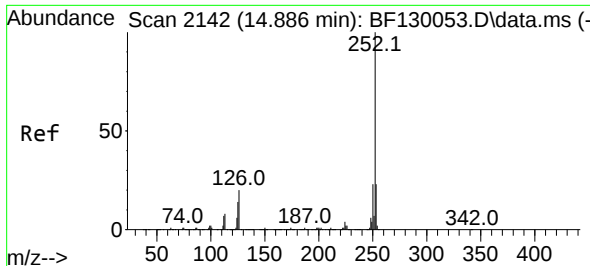
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#88
Benzo(b)fluoranthene
Concen: 45.867 ng
RT: 14.857 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:252 Resp: 1293430
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.8 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 44.191 ng

RT: 14.886 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

PB147308BS

Tgt Ion:252 Resp: 120522

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

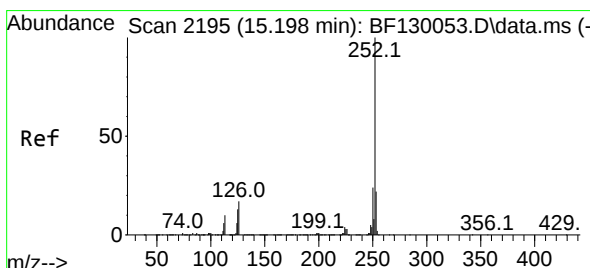
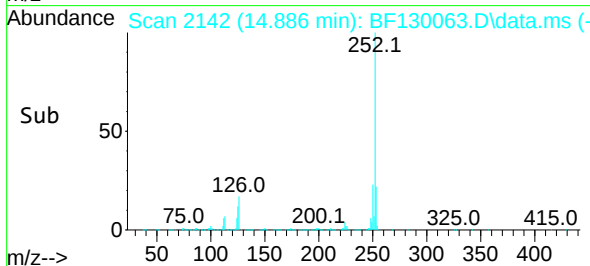
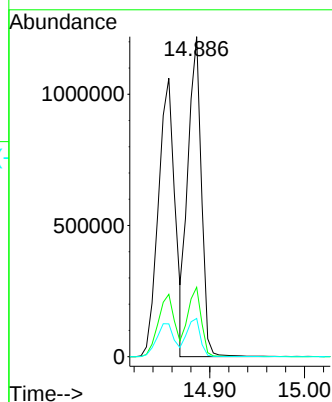
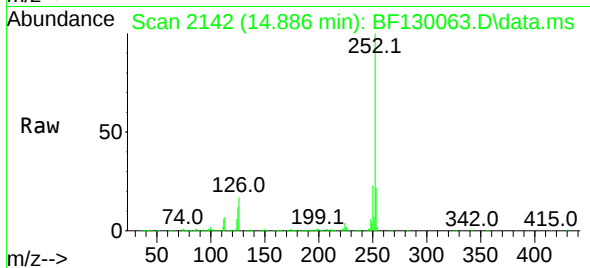
125 11.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#90

Benzo(a)pyrene

Concen: 47.791 ng

RT: 15.192 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF130063.D

Acq: 31 Aug 2022 21:41

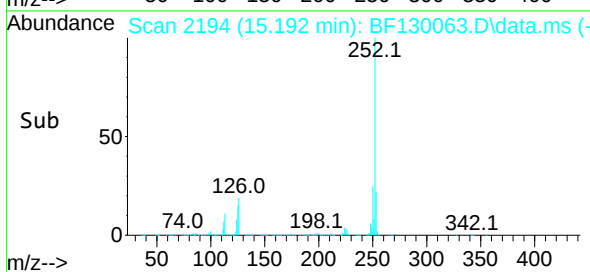
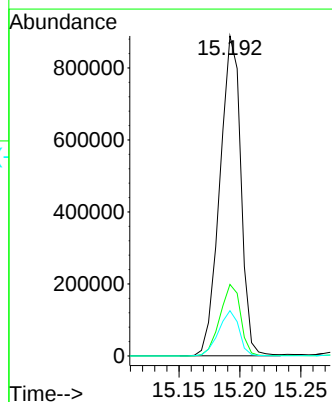
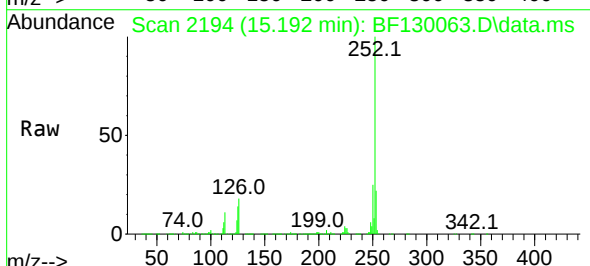
Tgt Ion:252 Resp: 1070893

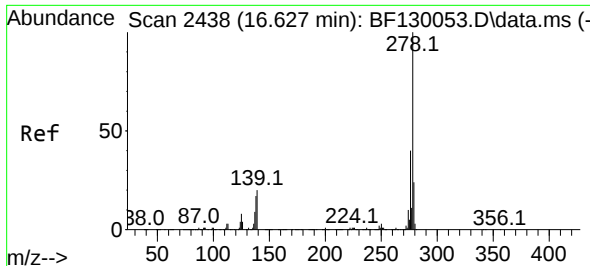
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 14.2 8.8 13.2#





#91
Dibenzo(a,h)anthracene
Concen: 48.123 ng
RT: 16.627 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Instrument :

BNA_F

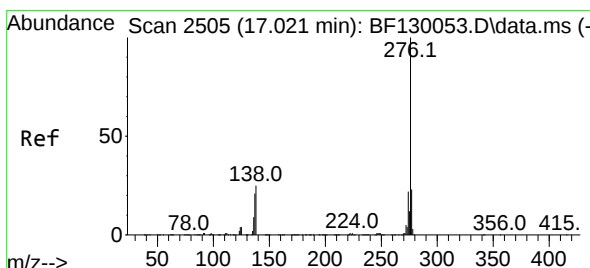
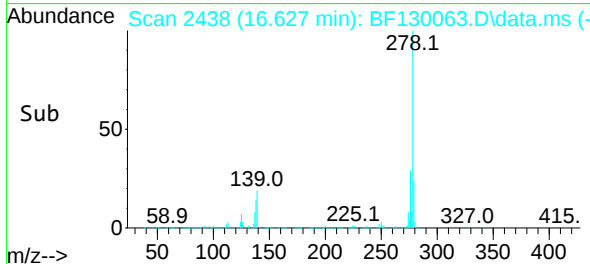
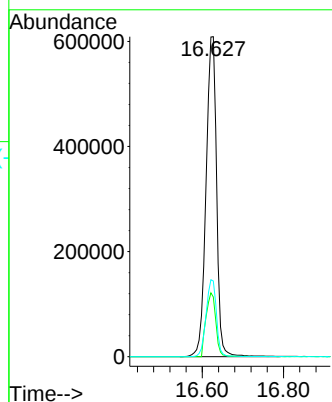
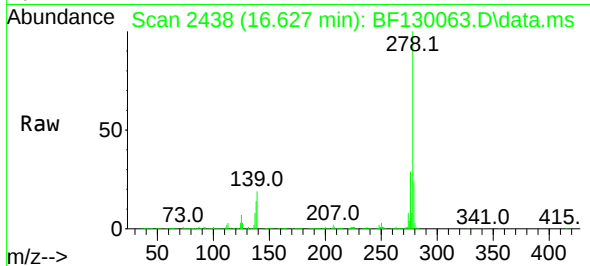
ClientSampleId :

PB147308BS

Tgt Ion:278 Resp: 1098404
Ion Ratio Lower Upper
278 100
139 18.6 12.2 18.4
279 23.7 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#92
Benzo(g,h,i)perylene
Concen: 47.673 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF130063.D
Acq: 31 Aug 2022 21:41

Tgt Ion:276 Resp: 1088690
Ion Ratio Lower Upper
276 100
277 24.4 18.2 27.4
138 24.8 15.8 23.8#

