

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130161.D
 Acq On : 07 Sep 2022 14:36
 Operator : CG\JU
 Sample : PB147513BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147513BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/08/2022
 Supervised By : Jagrut Upadhyay 09/08/2022

Quant Time: Sep 08 02:48:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	217231	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	882519	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	478112	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	841051	20.000	ng	0.00
76) Chrysene-d12	13.839	240	490440	20.000	ng	# 0.00
86) Perylene-d12	15.233	264	394174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1682274	131.469	ng	0.01
7) Phenol-d6	6.334	99	2052813	128.680	ng	0.00
23) Nitrobenzene-d5	7.269	82	1279536	93.177	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	655200	150.546	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2327029	80.695	ng	0.00
79) Terphenyl-d14	12.798	244	2623097	92.749	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.416	88	216320	36.174	ng	95
3) Pyridine	3.110	79	591851	36.909	ng	91
4) n-Nitrosodimethylamine	3.069	42	277681	44.033	ng	85
6) Aniline	6.363	93	872279	43.613	ng	# 50
8) 2-Chlorophenol	6.481	128	696826	49.615	ng	99
9) Benzaldehyde	6.245	77	271937	27.850	ng	97
10) Phenol	6.351	94	816545	45.283	ng	# 72
11) bis(2-Chloroethyl)ether	6.439	93	640217	46.729	ng	99
12) 1,3-Dichlorobenzene	6.639	146	714284	45.878	ng	96
13) 1,4-Dichlorobenzene	6.716	146	722170	46.048	ng	97
14) 1,2-Dichlorobenzene	6.863	146	681484	47.803	ng	99
15) Benzyl Alcohol	6.845	79	484331	45.043	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	823495	44.226	ng	# 54
17) 2-Methylphenol	6.957	107	533954	45.188	ng	# 87
18) Hexachloroethane	7.210	117	269766	47.635	ng	95
19) n-Nitroso-di-n-propyla...	7.122	70	428188	44.553	ng	92
20) 3+4-Methylphenols	7.110	107	618798	44.657	ng	# 73
22) Acetophenone	7.116	105	875017	44.380	ng	# 98
24) Nitrobenzene	7.286	77	679205	46.507	ng	97
25) Isophorone	7.528	82	1271319	45.741	ng	98
26) 2-Nitrophenol	7.598	139	360140	52.166	ng	95
27) 2,4-Dimethylphenol	7.639	122	597654	51.246	ng	97
28) bis(2-Chloroethoxy)met...	7.739	93	782447	46.865	ng	97
29) 2,4-Dichlorophenol	7.839	162	560645	44.942	ng	98
30) 1,2,4-Trichlorobenzene	7.922	180	569321	43.283	ng	99
31) Naphthalene	8.004	128	1917244	43.074	ng	100
32) Benzoic acid	7.775	122	473709	49.508	ng	99
33) 4-Chloroaniline	8.051	127	714520	39.734	ng	97
34) Hexachlorobutadiene	8.122	225	330882	43.923	ng	100
35) Caprolactam	8.433	113	180002m	46.563	ng	
36) 4-Chloro-3-methylphenol	8.539	107	605162	47.940	ng	94
37) 2-Methylnaphthalene	8.692	142	1235912	43.105	ng	100
38) 1-Methylnaphthalene	8.792	142	1185542	42.540	ng	98
40) 1,2,4,5-Tetrachloroben...	8.857	216	529764	42.492	ng	98
41) Hexachlorocyclopentadiene	8.845	237	663262	101.797	ng	97
43) 2,4,6-Trichlorophenol	8.969	196	401199	45.083	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	428679	44.443	ng	94
46) 1,1'-Biphenyl	9.157	154	1491071	42.927	ng	99
47) 2-Chloronaphthalene	9.180	162	1177370	42.304	ng	100
48) 2-Nitroaniline	9.280	65	368428	53.720	ng	86
49) Acenaphthylene	9.592	152	1787492	42.295	ng	100
50) Dimethylphthalate	9.469	163	1420563	43.622	ng	100
51) 2,6-Dinitrotoluene	9.522	165	329471	51.892	ng	96
52) Acenaphthene	9.769	154	1294399m	48.598	ng	
53) 3-Nitroaniline	9.692	138	319445	43.834	ng	96
54) 2,4-Dinitrophenol	9.798	184	353668	118.375	ng	89
55) Dibenzofuran	9.939	168	1625843	42.629	ng	99
56) 4-Nitrophenol	9.857	139	612985	109.102	ng	93
57) 2,4-Dinitrotoluene	9.927	165	424458	58.066	ng	# 85
58) Fluorene	10.280	166	1238537	42.679	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.051	232	340366	45.433	ng	# 79
60) Diethylphthalate	10.163	149	1419547	45.059	ng	99
61) 4-Chlorophenyl-phenylether	10.274	204	557683	43.473	ng	98
62) 4-Nitroaniline	10.310	138	378217	53.364	ng	96
63) Azobenzene	10.433	77	1314320	42.372	ng	95
65) 4,6-Dinitro-2-methylph...	10.327	198	217023	53.948	ng	97
66) n-Nitrosodiphenylamine	10.398	169	1178010	41.899	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	401342	42.901	ng	95
68) Hexachlorobenzene	10.821	284	442806	43.440	ng	92
69) Atrazine	10.927	200	373479	46.955	ng	100
70) Pentachlorophenol	11.016	266	532203	93.367	ng	96
71) Phenanthrene	11.239	178	1887743	41.388	ng	99
72) Anthracene	11.292	178	1936743	43.194	ng	99
73) Carbazole	11.445	167	1826473	44.174	ng	99
74) Di-n-butylphthalate	11.780	149	2184425	43.812	ng	100
75) Fluoranthene	12.421	202	1945557	43.015	ng	99
77) Benzidine	12.551	184	1175818	88.799	ng	100
78) Pyrene	12.645	202	1980070	45.012	ng	99
80) Butylbenzylphthalate	13.274	149	858374	49.058	ng	100
81) Benzo(a)anthracene	13.827	228	1411483	41.996	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	445406	42.495	ng	100
83) Chrysene	13.868	228	1397785	42.182	ng	100
84) Bis(2-ethylhexyl)phtha...	13.833	149	961557	44.212	ng	100
85) Di-n-octyl phthalate	14.445	149	1446746	42.112	ng	98
87) Indeno(1,2,3-cd)pyrene	16.580	276	1290900	49.647	ng	97
88) Benzo(b)fluoranthene	14.845	252	1232035	46.870	ng	99
89) Benzo(k)fluoranthene	14.874	252	1107281	43.555	ng	99
90) Benzo(a)pyrene	15.180	252	1009932	48.352	ng	99
91) Dibenzo(a,h)anthracene	16.603	278	1132996	53.252	ng	97
92) Benzo(g,h,i)perylene	16.992	276	1148301	53.944	ng	95

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

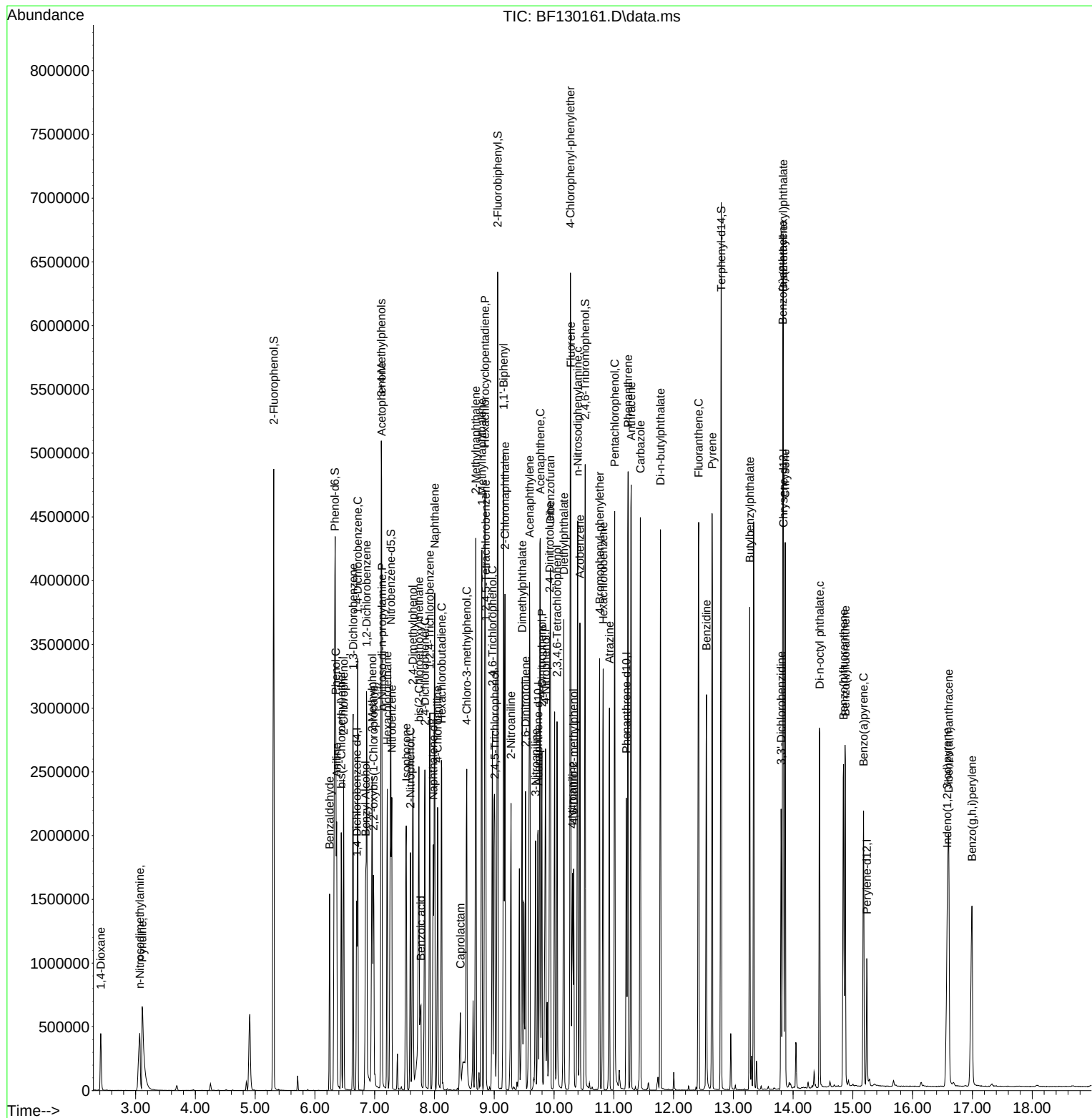
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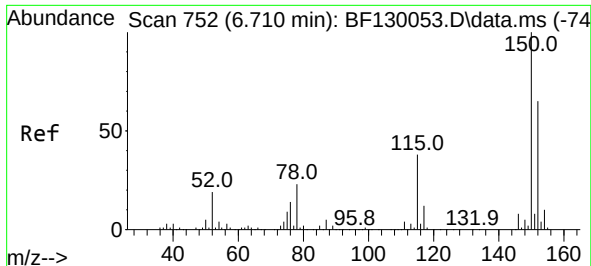
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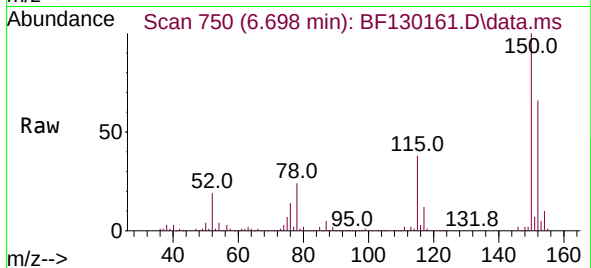
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

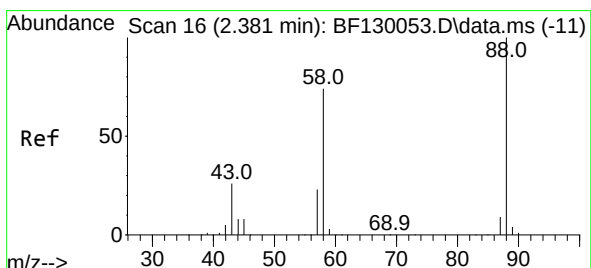
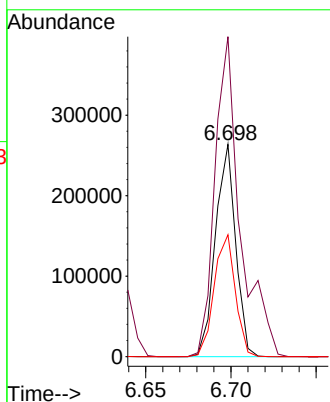
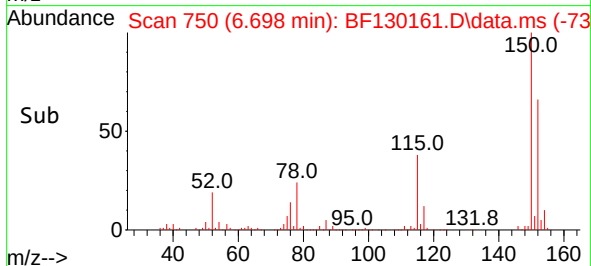
Instrument :
BNA_F
ClientSampleId :
PB147513BS



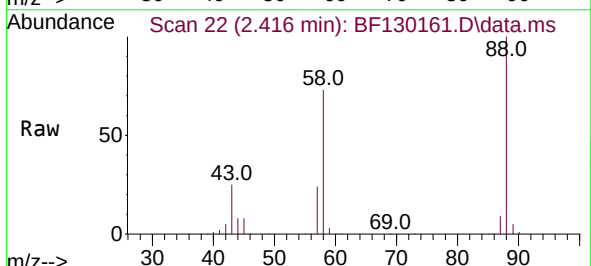
Tgt Ion:152 Resp: 217231
Ion Ratio Lower Upper
152 100
150 150.8 126.9 190.3
115 57.4 53.4 80.0

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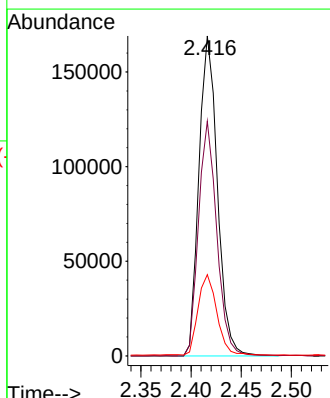
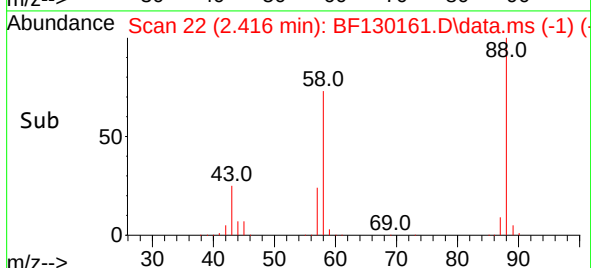
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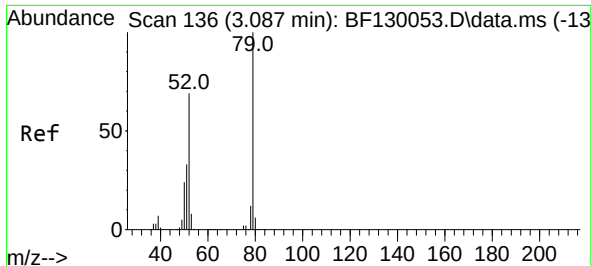


#2
1,4-Dioxane
Concen: 36.174 ng
RT: 2.416 min Scan# 22
Delta R.T. 0.076 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



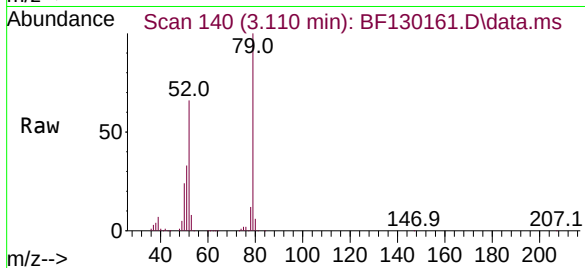
Tgt Ion: 88 Resp: 216320
Ion Ratio Lower Upper
88 100
58 72.5 60.9 91.3
43 25.8 23.6 35.4





#3
Pyridine
Concen: 36.909 ng
RT: 3.110 min Scan# 14
Delta R.T. 0.070 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

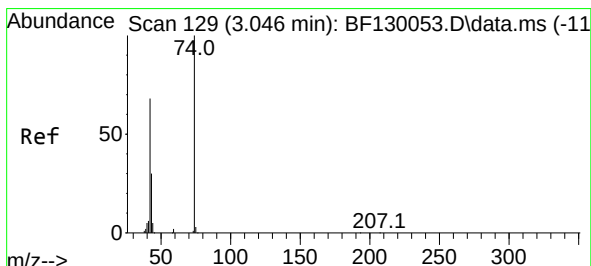
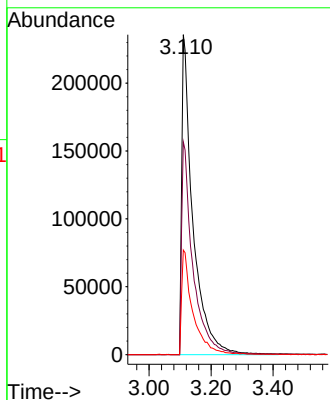
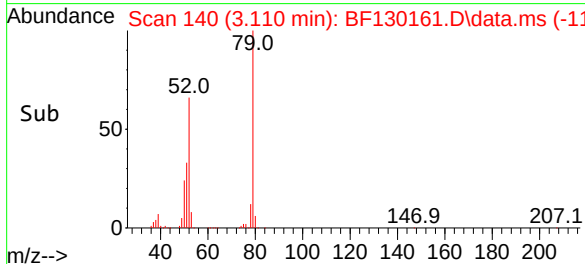
Instrument :
BNA_F
ClientSampleId :
PB147513BS



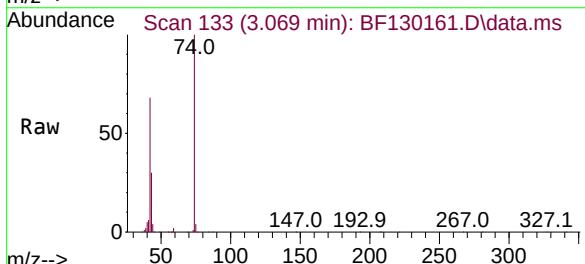
Tgt Ion: 79 Resp: 59185
Ion Ratio Lower Upper
79 100
52 66.5 59.4 89.2
51 32.7 29.5 44.3

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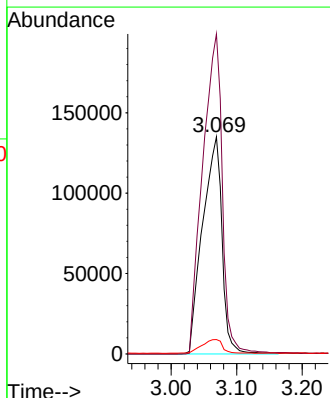
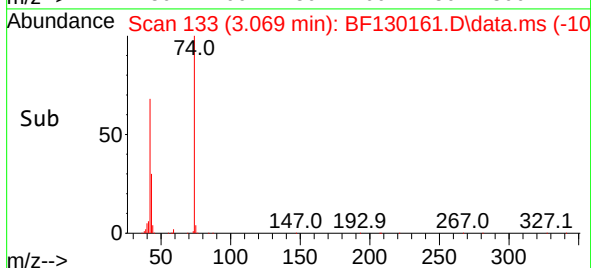
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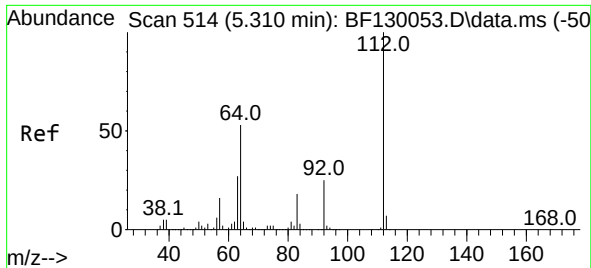


#4
n-Nitrosodimethylamine
Concen: 44.033 ng
RT: 3.069 min Scan# 133
Delta R.T. 0.070 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion: 42 Resp: 277681
Ion Ratio Lower Upper
42 100
74 147.4 103.1 154.7
44 6.6 5.4 8.2





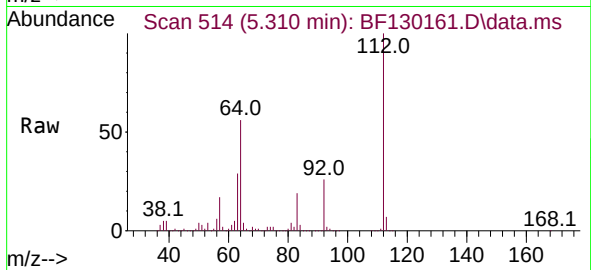
#5
2-Fluorophenol
Concen: 131.469 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

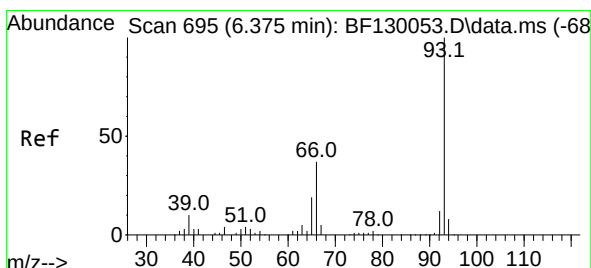
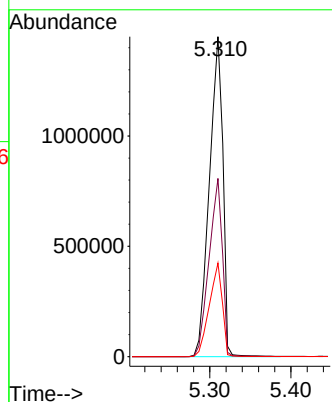
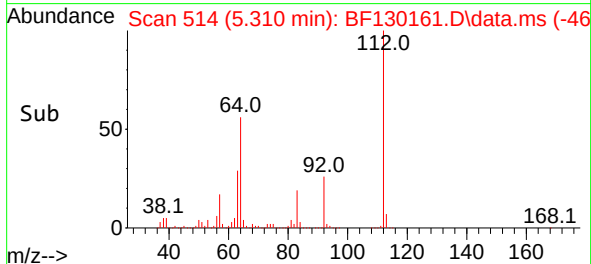


Tgt Ion: 112 Resp: 1682274
Ion Ratio Lower Upper
112 100
64 55.7 47.6 71.4
63 29.2 24.6 37.0

Manual Integrations

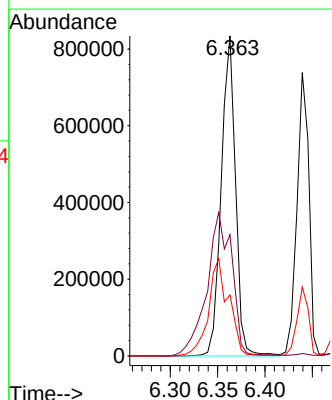
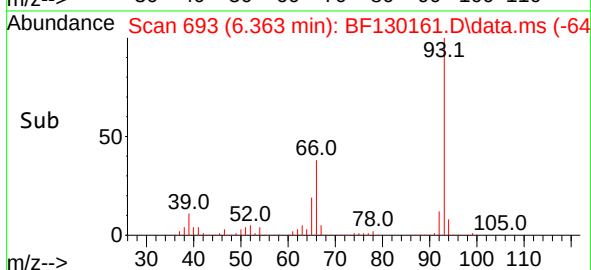
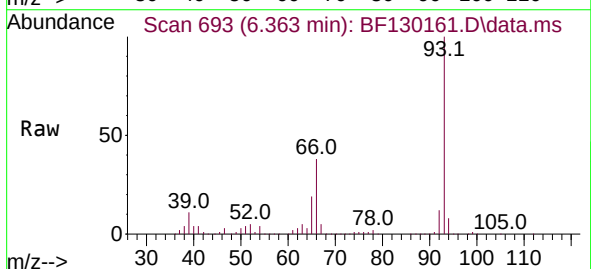
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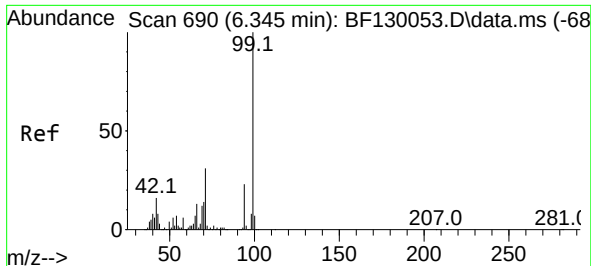
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#6
Aniline
Concen: 43.613 ng
RT: 6.363 min Scan# 693
Delta R.T. -0.000 min
Lab File: BF130161.D
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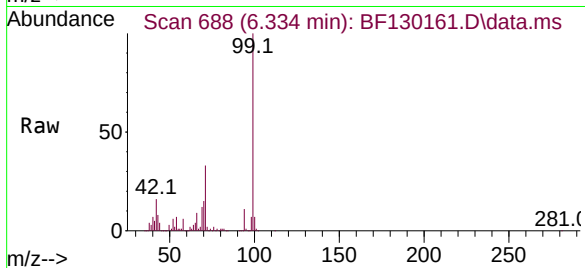
Tgt Ion: 93 Resp: 872279
Ion Ratio Lower Upper
93 100
66 37.9 68.7 103.1#
65 19.1 41.6 62.4#





#7
Phenol-d6
Concen: 128.680 ng
RT: 6.334 min Scan# 688
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

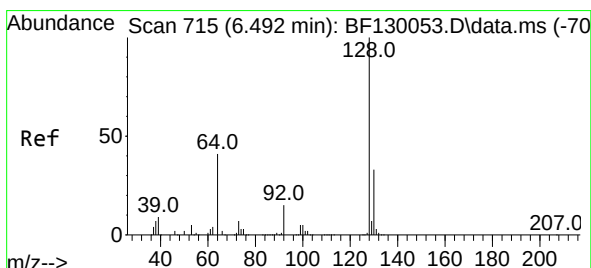
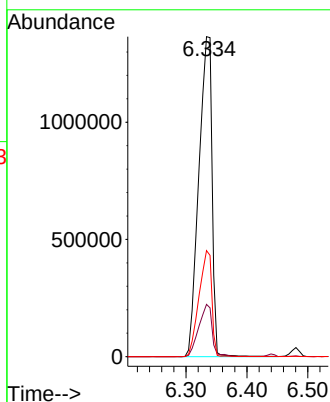
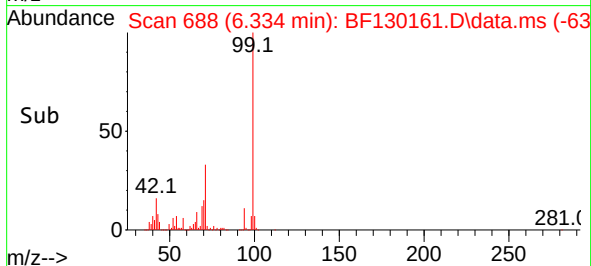
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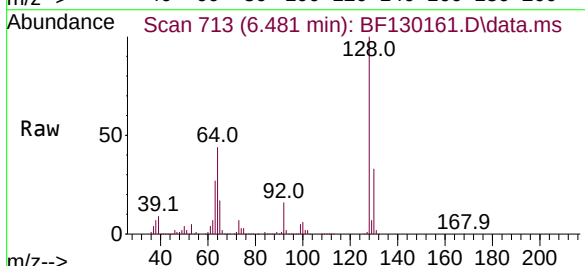
Tgt Ion: 99 Resp: 2052813
Ion Ratio Lower Upper
99 100
42 16.3 15.0 22.4
71 33.1 28.8 43.2

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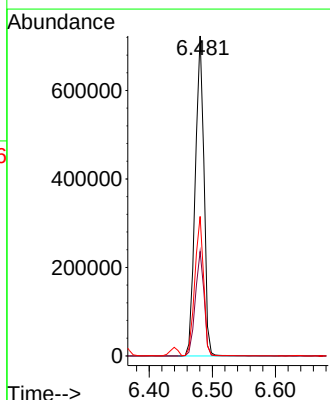
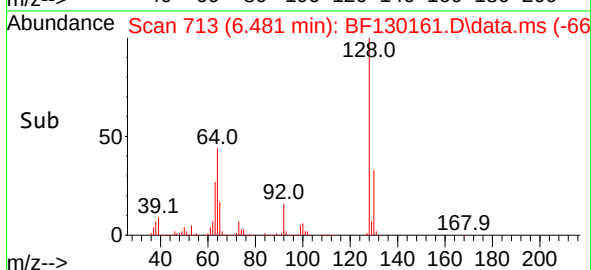
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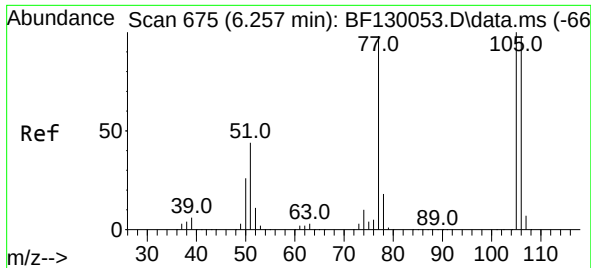


#8
2-Chlorophenol
Concen: 49.615 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



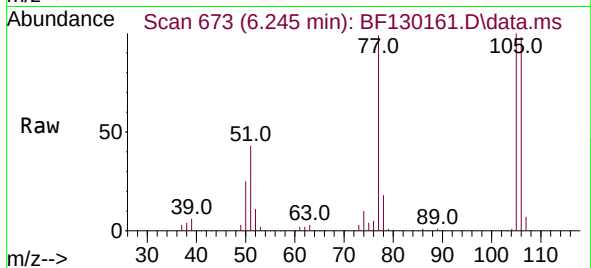
Tgt Ion:128 Resp: 696826
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 43.6 24.9 64.9





#9
Benzaldehyde
Concen: 27.850 ng
RT: 6.245 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130161.D
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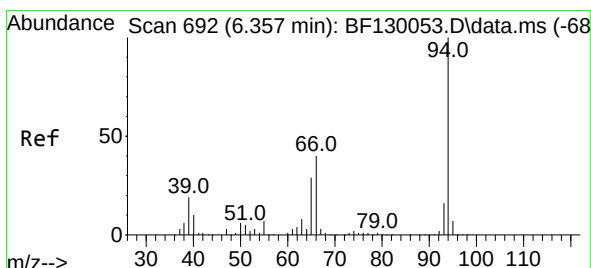
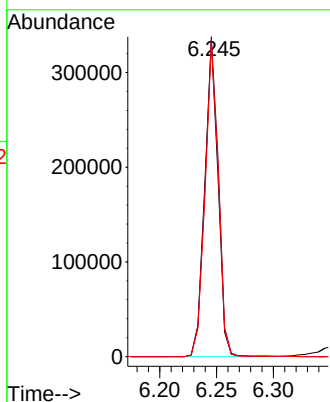
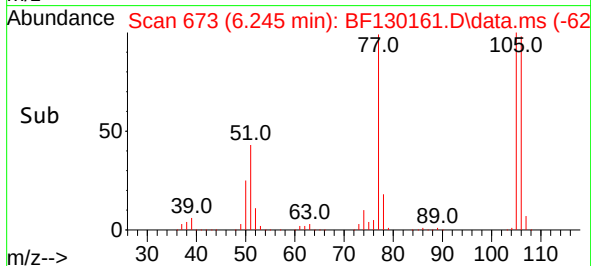
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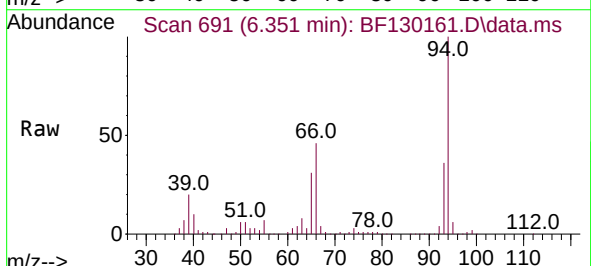
Tgt Ion: 77 Resp: 271937
Ion Ratio Lower Upper
77 100
105 101.1 80.3 120.3
106 99.0 74.3 114.3

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APPROVED

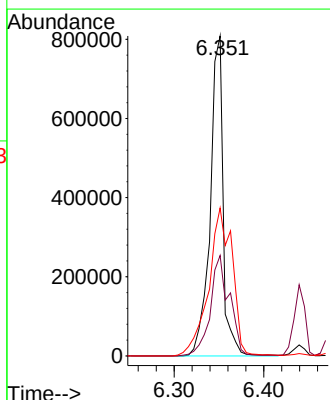
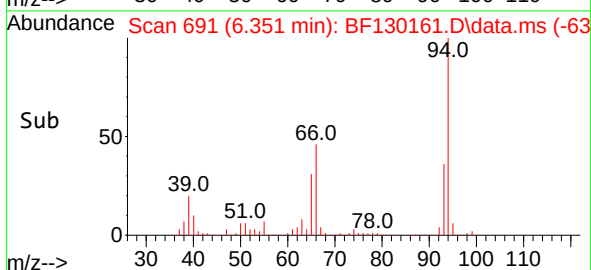
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

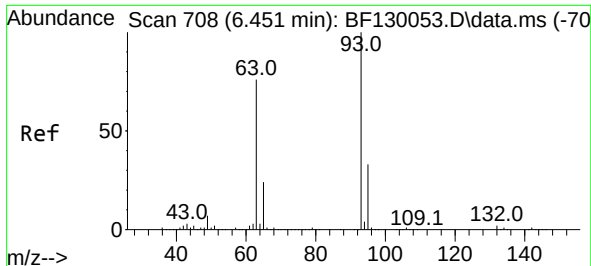


#10
Phenol
Concen: 45.283 ng
RT: 6.351 min Scan# 691
Delta R.T. 0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



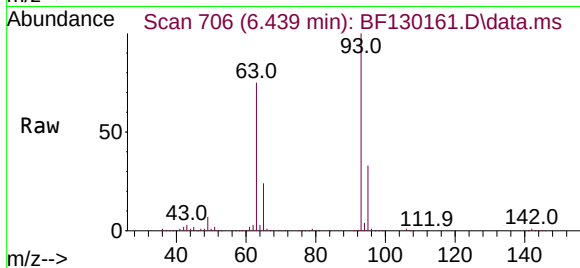
Tgt Ion: 94 Resp: 816545
Ion Ratio Lower Upper
94 100
65 31.4 24.9 64.9
66 46.2 54.2 94.2#





#11
bis(2-Chloroethyl)ether
Concen: 46.729 ng
RT: 6.439 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

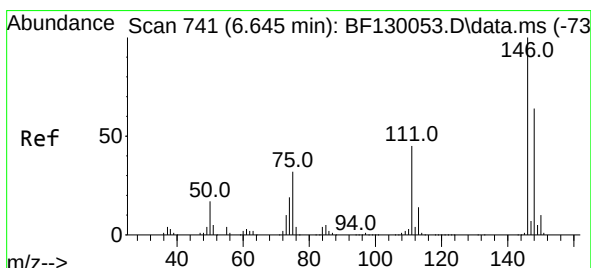
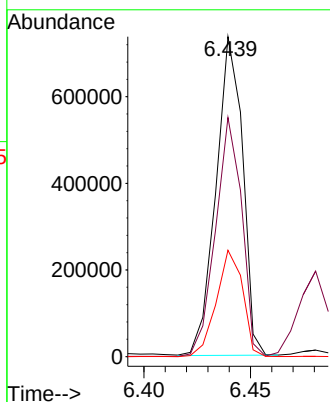
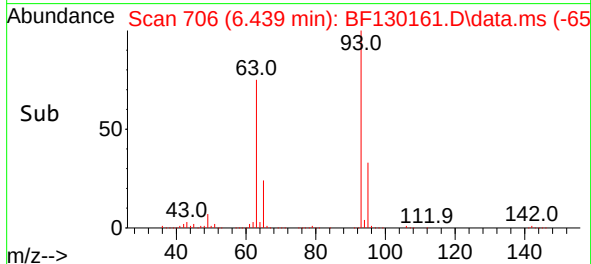
Instrument :
BNA_F
ClientSampleId :
PB147513BS



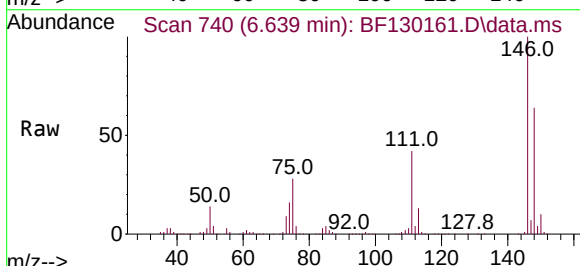
Tgt Ion: 93 Resp: 640217
Ion Ratio Lower Upper
93 100
63 74.7 55.9 95.9
95 33.2 12.3 52.3

Manual Integrations
APPROVED

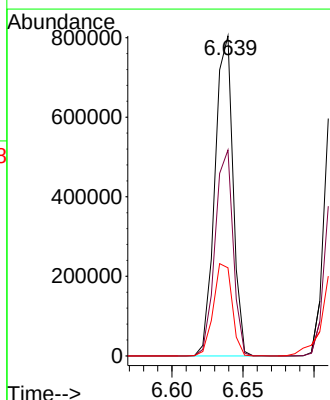
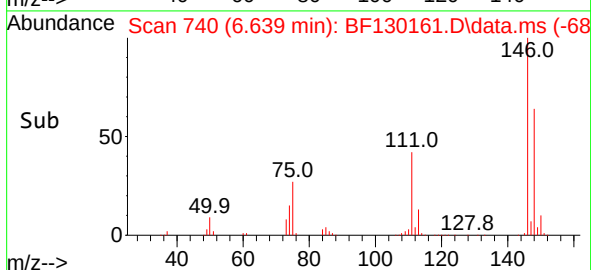
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

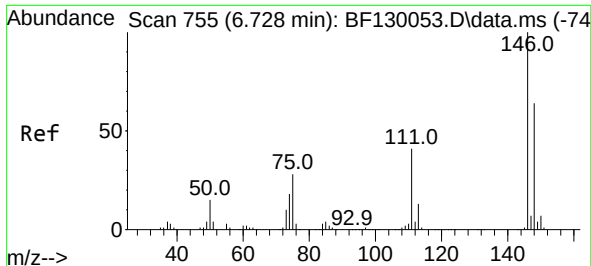


#12
1,3-Dichlorobenzene
Concen: 45.878 ng
RT: 6.639 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



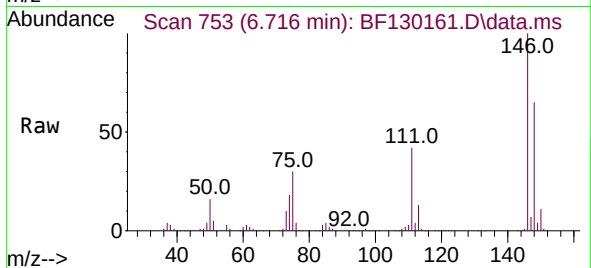
Tgt Ion:146 Resp: 714284
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 27.5 26.5 39.7





#13
1,4-Dichlorobenzene
Concen: 46.048 ng
RT: 6.716 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

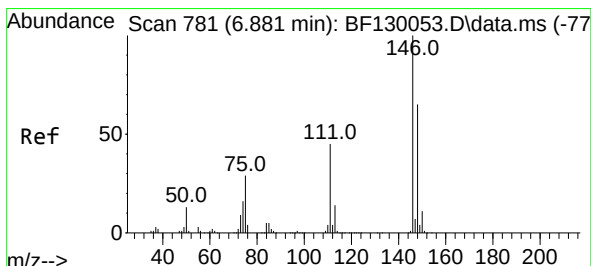
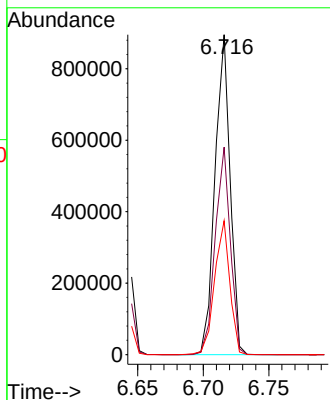
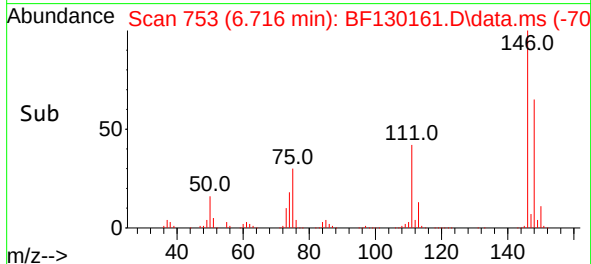
Instrument :
BNA_F
ClientSampleId :
PB147513BS



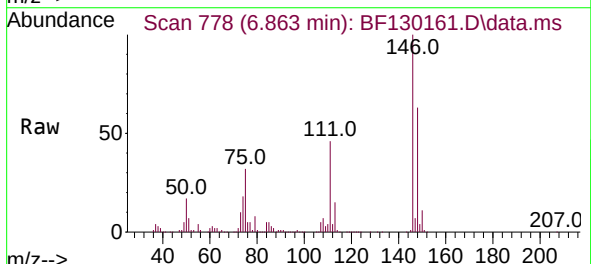
Tgt Ion:146 Resp: 722170
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
111 41.8 36.2 54.4

Manual Integrations
APPROVED

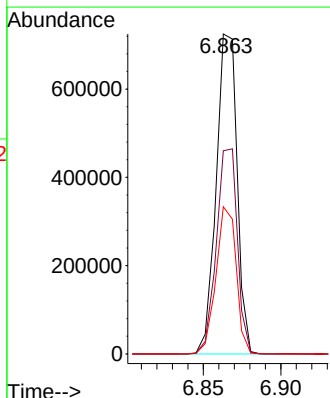
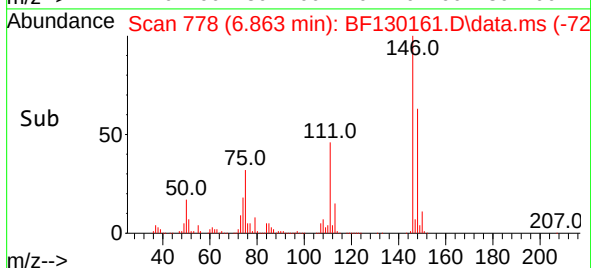
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

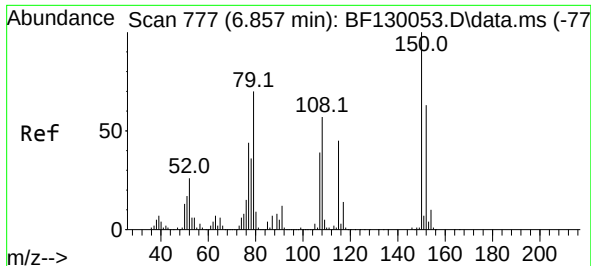


#14
1,2-Dichlorobenzene
Concen: 47.803 ng
RT: 6.863 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion:146 Resp: 681484
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 46.0 37.2 55.8





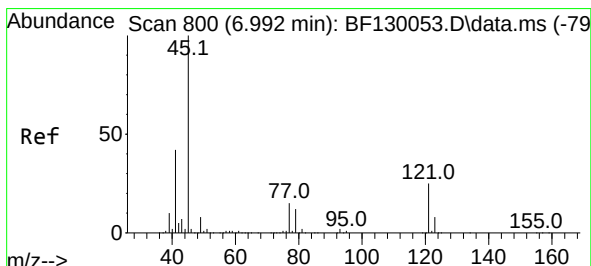
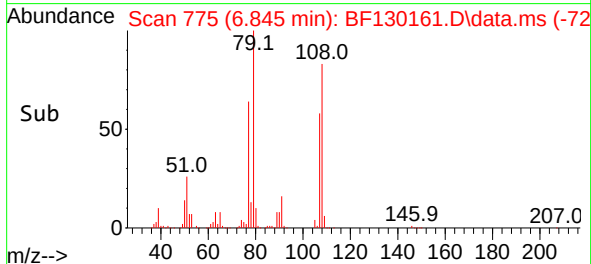
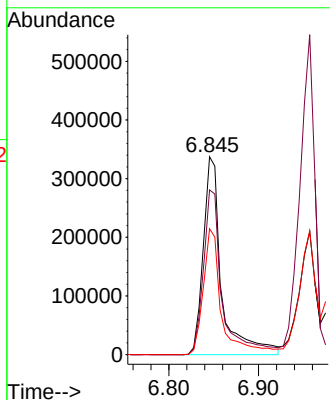
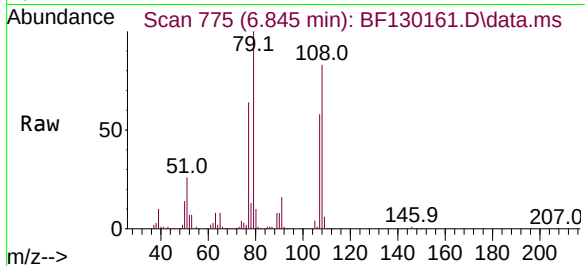
#15
Benzyl Alcohol
Concen: 45.043 ng
RT: 6.845 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :
BNA_F
ClientSampleId :
PB147513BS

Tgt Ion: 79 Resp: 484331
Ion Ratio Lower Upper
79 100
108 83.2 59.2 88.8
77 63.6 51.9 77.9

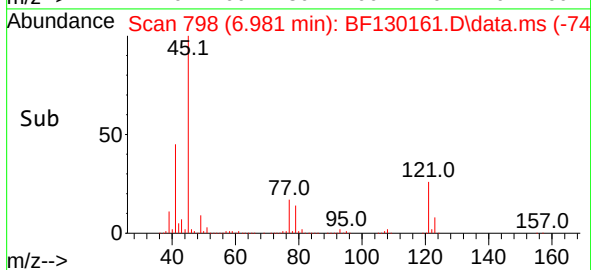
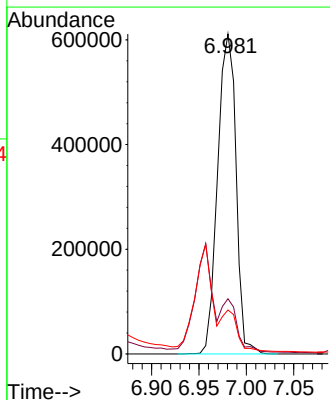
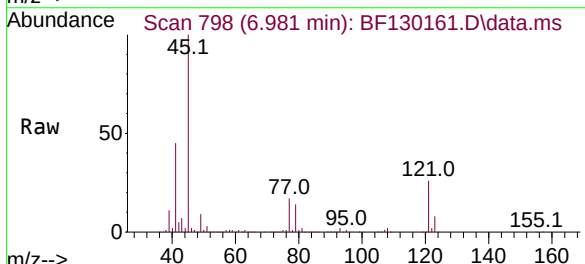
Manual Integrations
APPROVED

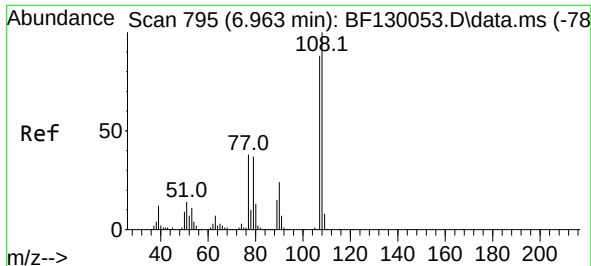
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.226 ng
RT: 6.981 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

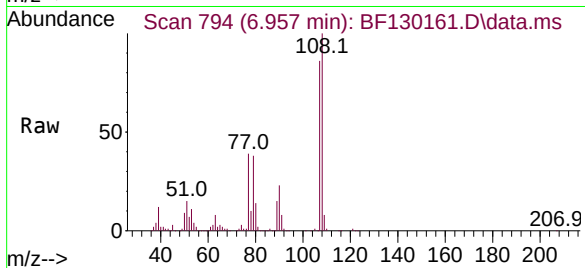
Tgt Ion: 45 Resp: 823495
Ion Ratio Lower Upper
45 100
77 17.2 27.4 67.4#
79 13.7 24.4 64.4#





#17
2-Methylphenol
Concen: 45.188 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

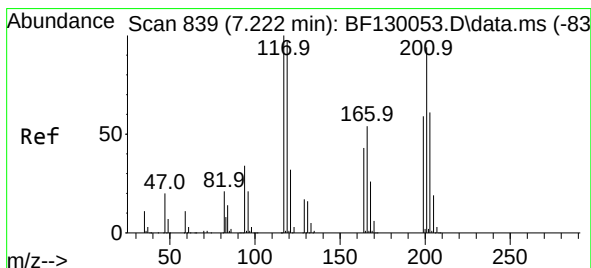
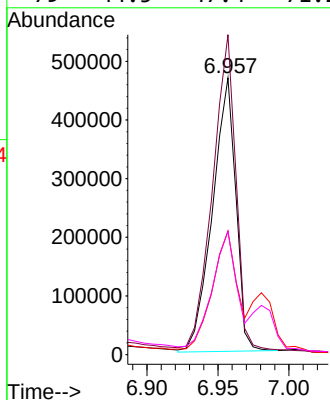
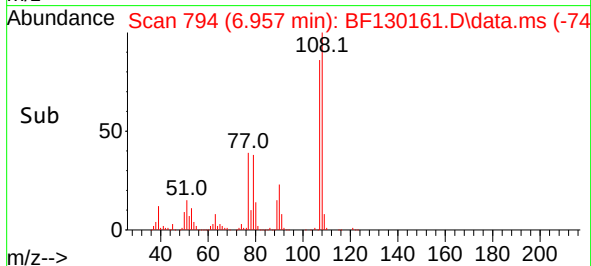
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:107 Resp: 533954
Ion Ratio Lower Upper
107 100
108 115.6 90.2 135.2
77 44.6 51.8 77.8
79 44.5 47.4 71.2#

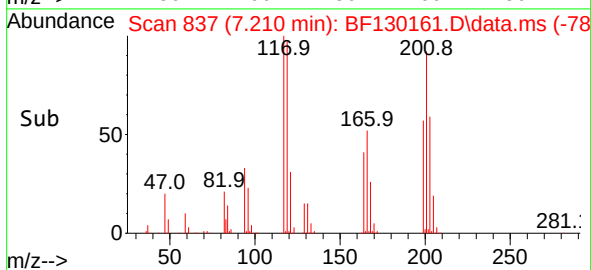
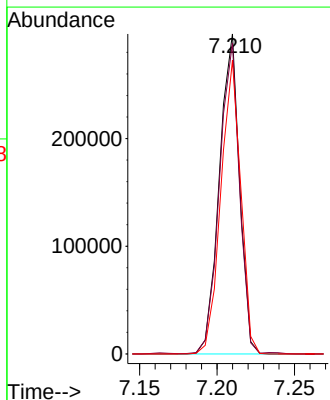
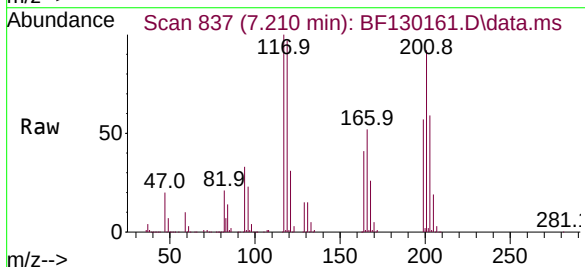
Manual Integrations
APPROVED

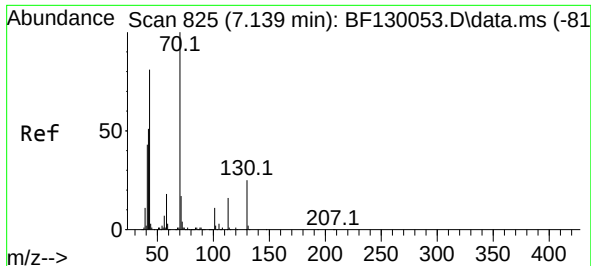
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#18
Hexachloroethane
Concen: 47.635 ng
RT: 7.210 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

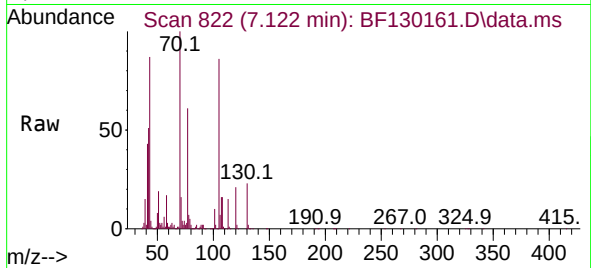
Tgt Ion:117 Resp: 269766
Ion Ratio Lower Upper
117 100
119 97.2 79.1 118.7
201 91.7 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.553 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

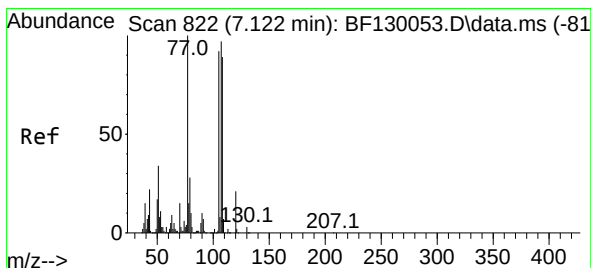
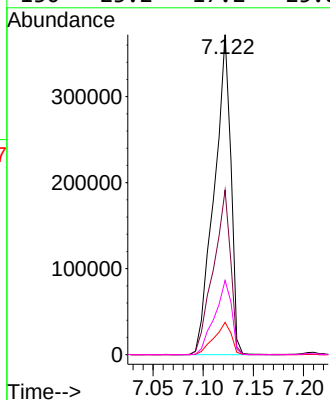
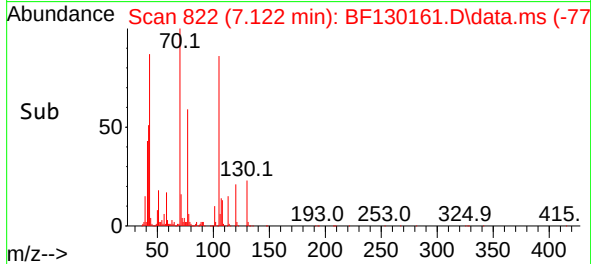
Instrument :
BNA_F
ClientSampleId :
PB147513BS



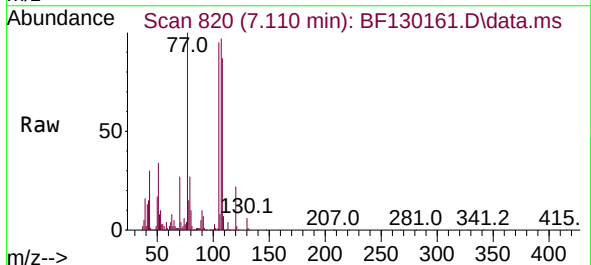
Tgt Ion: 70 Resp: 428188
Ion Ratio Lower Upper
70 100
42 51.4 47.6 71.4
101 10.1 8.1 12.1
130 23.2 17.2 25.8

Manual Integrations
APPROVED

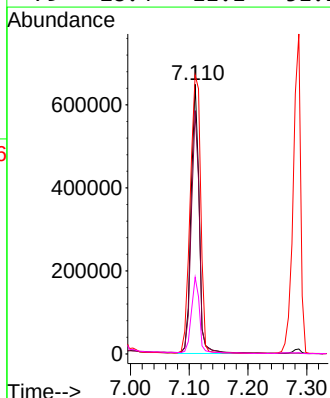
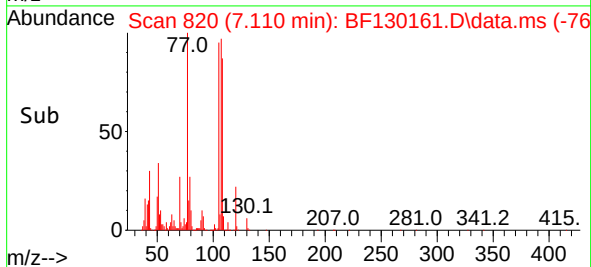
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

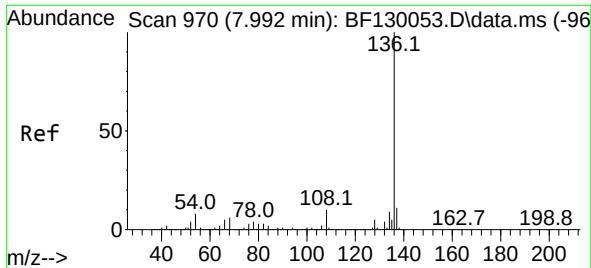


#20
3+4-Methylphenols
Concen: 44.657 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion:107 Resp: 618798
Ion Ratio Lower Upper
107 100
108 90.3 71.3 111.3
77 103.6 20.4 60.4#
79 28.4 11.1 51.1





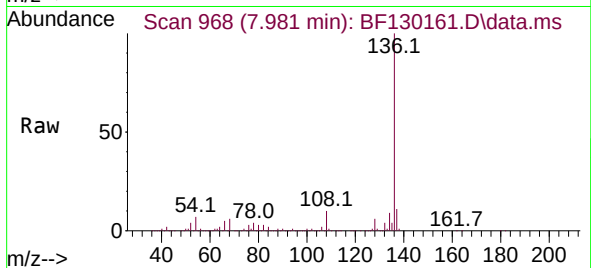
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

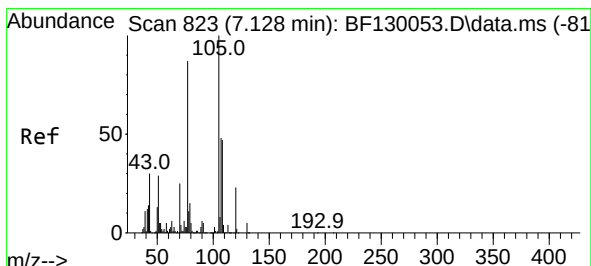
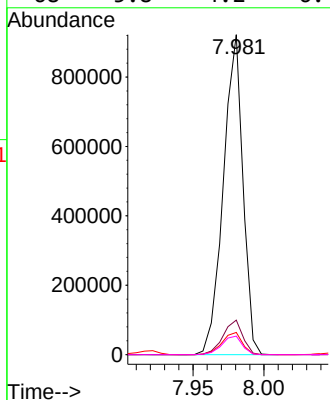
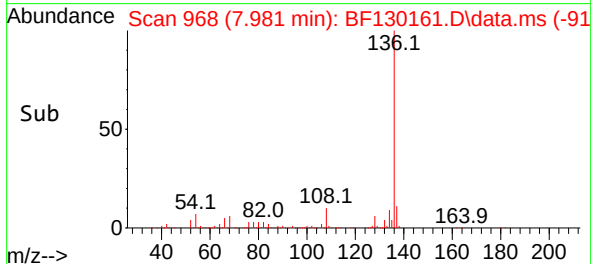


Tgt Ion:136 Resp: 882519
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.9 6.2 9.2
68 5.8 4.2 6.4

Manual Integrations

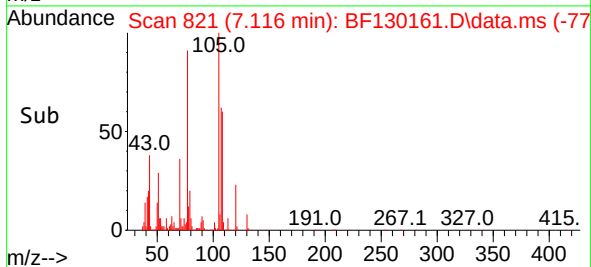
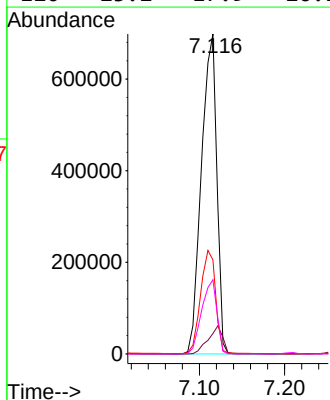
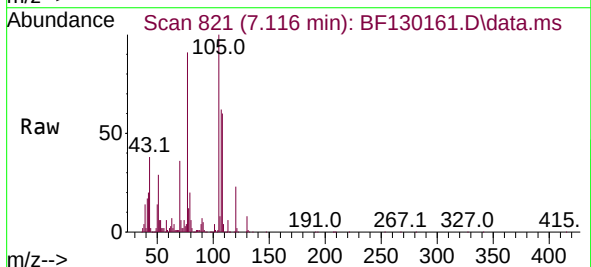
APPROVED

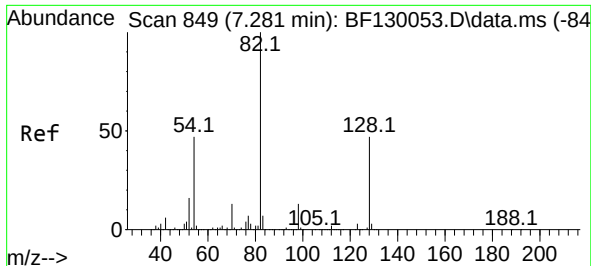
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#22
Acetophenone
Concen: 44.380 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:105 Resp: 875017
Ion Ratio Lower Upper
105 100
71 6.4 6.6 9.8#
51 29.4 23.8 35.8
120 23.2 17.9 26.9





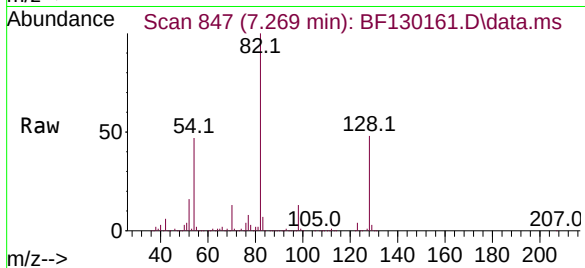
#23
Nitrobenzene-d5
Concen: 93.177 ng
RT: 7.269 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

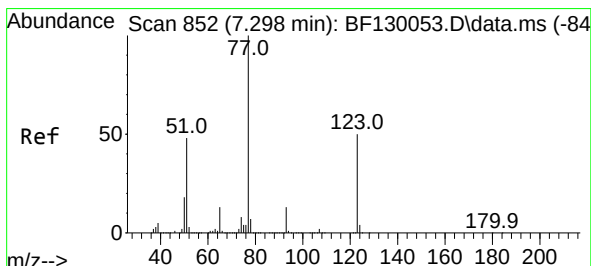
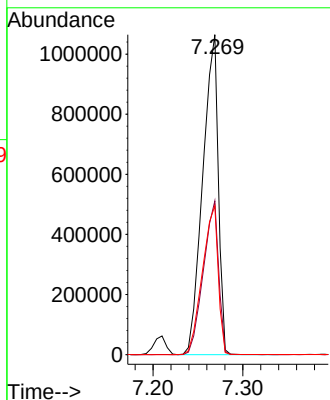
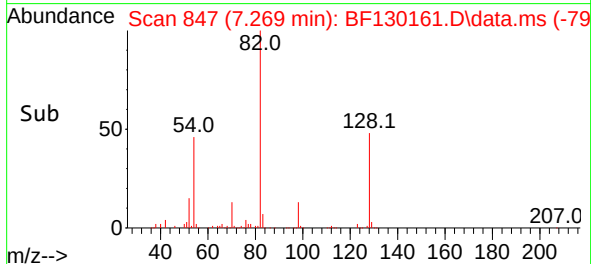
PB147513BS



Tgt Ion: 82 Resp: 1279536
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 46.5 40.0 60.0

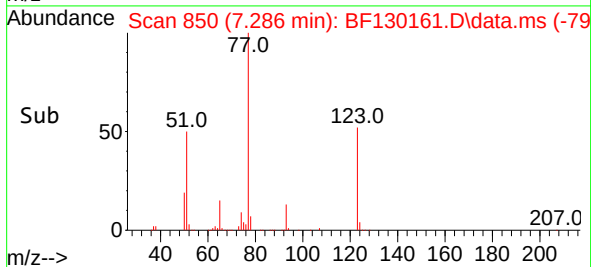
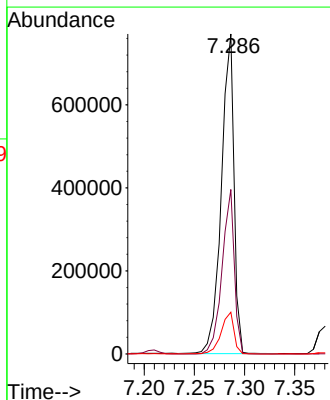
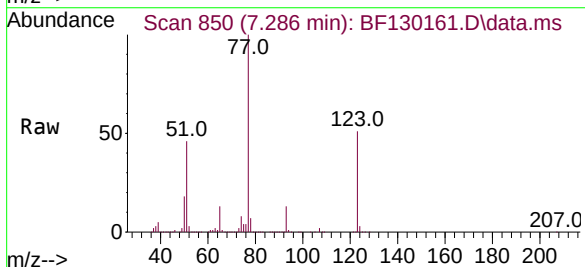
Manual Integrations
APPROVED

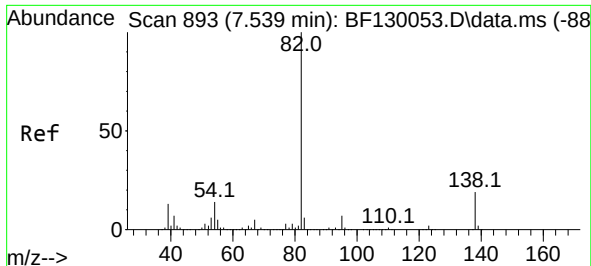
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#24
Nitrobenzene
Concen: 46.507 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion: 77 Resp: 679205
Ion Ratio Lower Upper
77 100
123 51.4 39.2 58.8
65 13.0 11.1 16.7





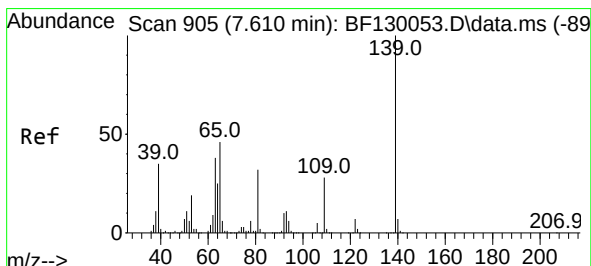
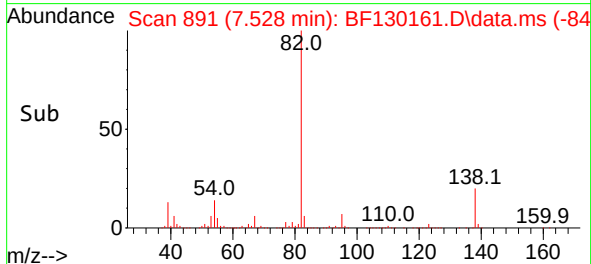
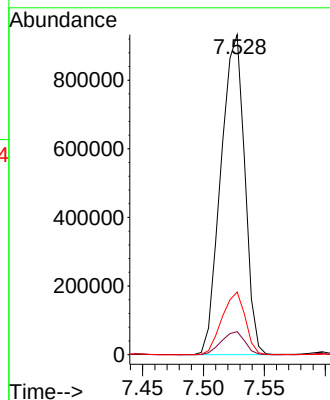
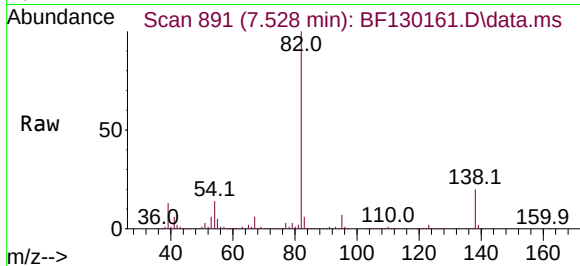
#25
Isophorone
Concen: 45.741 ng
RT: 7.528 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :
BNA_F
ClientSampleId :
PB147513BS

Tgt Ion: 82 Resp: 1271319
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.6 14.6 21.8

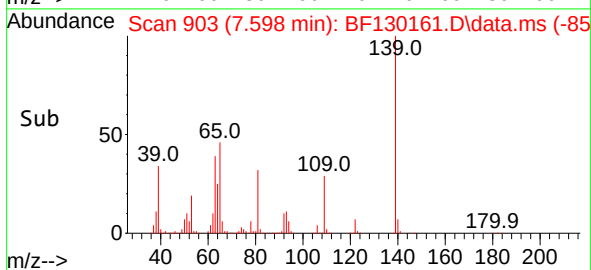
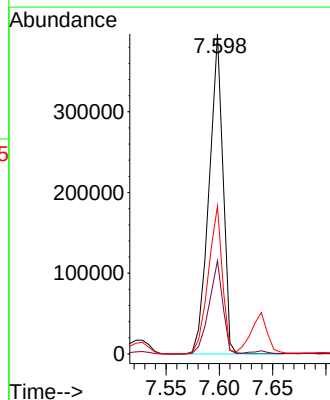
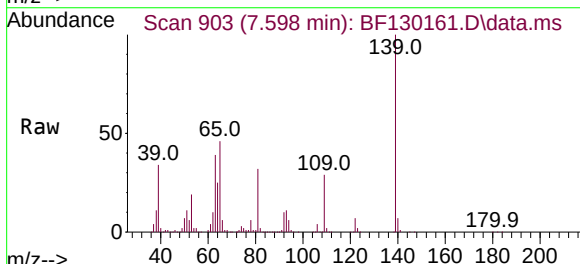
Manual Integrations
APPROVED

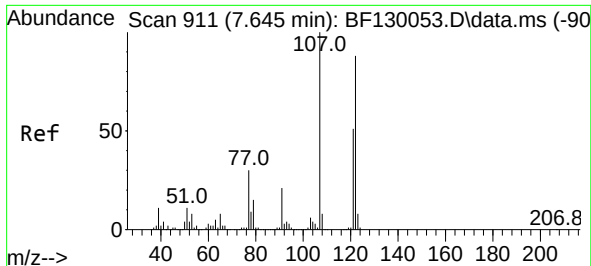
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#26
2-Nitrophenol
Concen: 52.166 ng
RT: 7.598 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

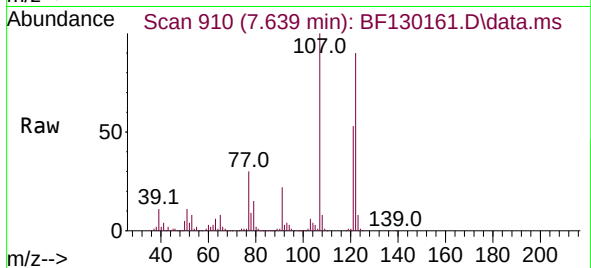
Tgt Ion:139 Resp: 360140
Ion Ratio Lower Upper
139 100
109 29.1 24.4 36.6
65 46.3 40.9 61.3





#27
2,4-Dimethylphenol
Concen: 51.246 ng
RT: 7.639 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

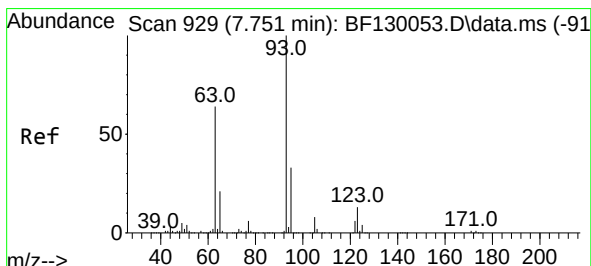
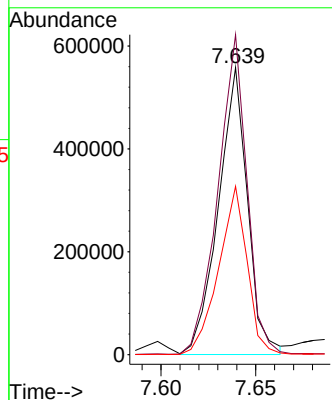
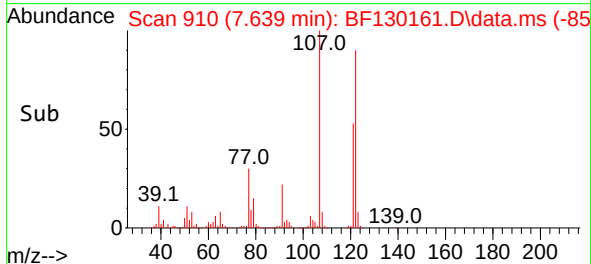
Instrument :
BNA_F
ClientSampleId :
PB147513BS



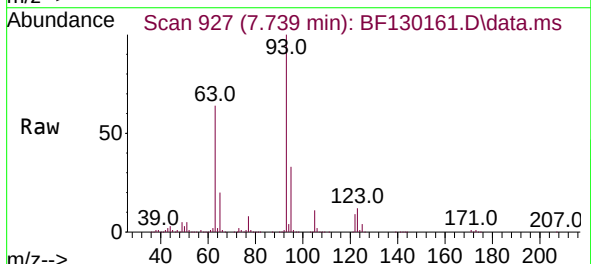
Tgt Ion:122 Resp: 597654
Ion Ratio Lower Upper
122 100
107 111.4 92.2 138.4
121 58.6 46.1 69.1

Manual Integrations
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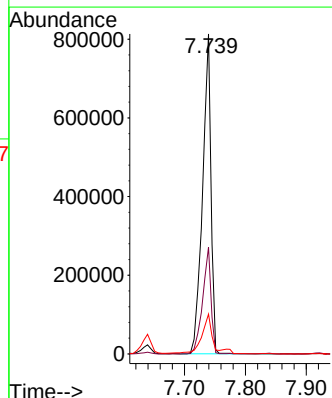
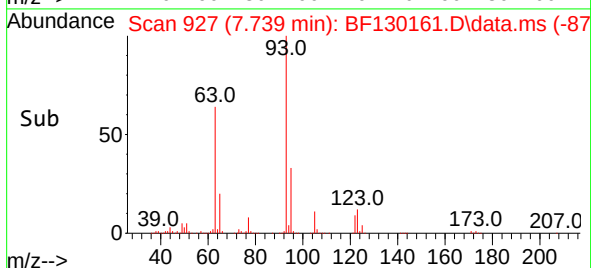
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

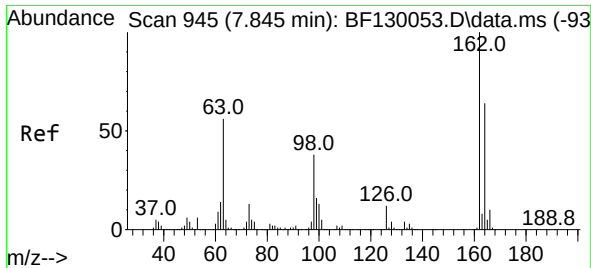


#28
bis(2-Chloroethoxy)methane
Concen: 46.865 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion: 93 Resp: 782447
Ion Ratio Lower Upper
93 100
95 33.4 25.6 38.4
123 12.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.942 ng

RT: 7.839 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

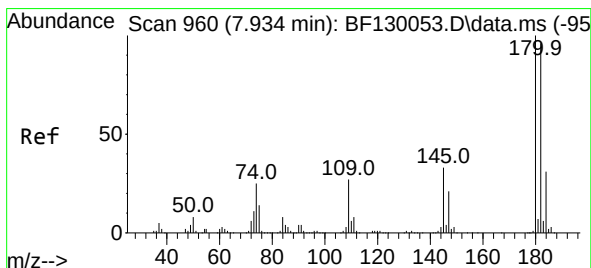
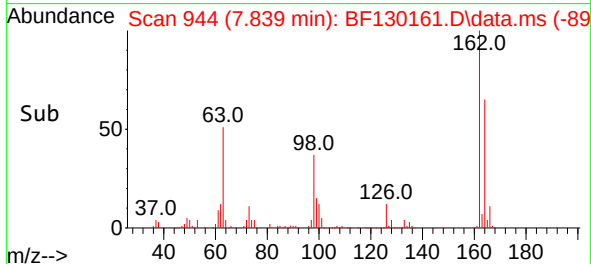
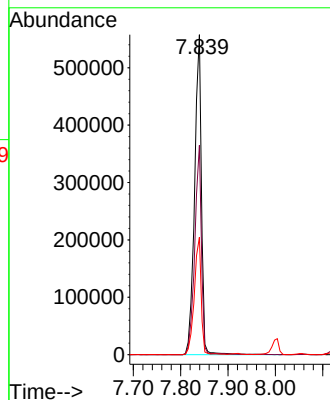
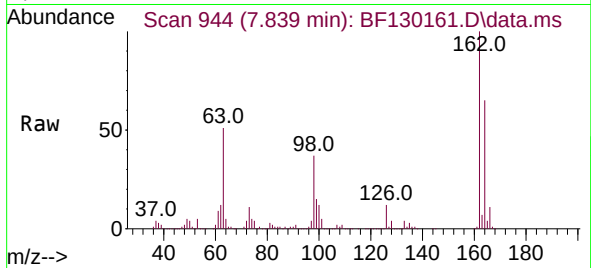
PB147513BS

Tgt Ion:162 Resp: 560645
 Ion Ratio Lower Upper
 162 100
 164 65.4 43.7 83.7
 98 36.7 16.5 56.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022
 Supervised By :Jagrut Upadhyay 09/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.283 ng

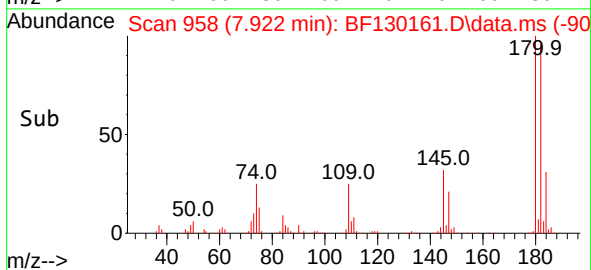
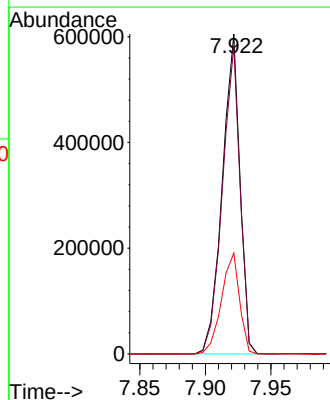
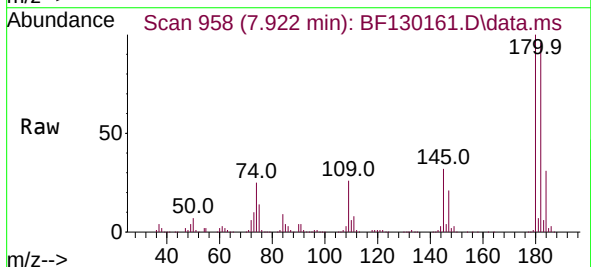
RT: 7.922 min Scan# 958

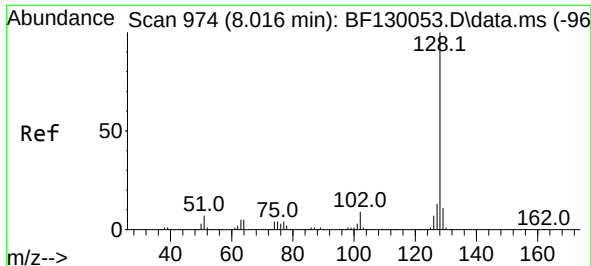
Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

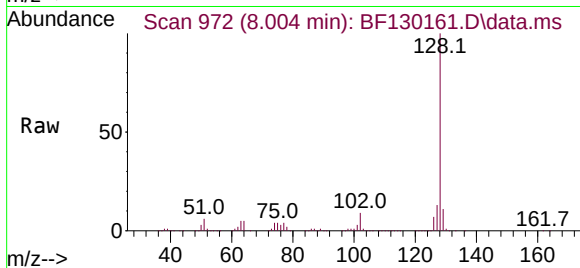
Tgt Ion:180 Resp: 569321
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.6 116.4
 145 31.5 25.6 38.4





#31
Naphthalene
Concen: 43.074 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

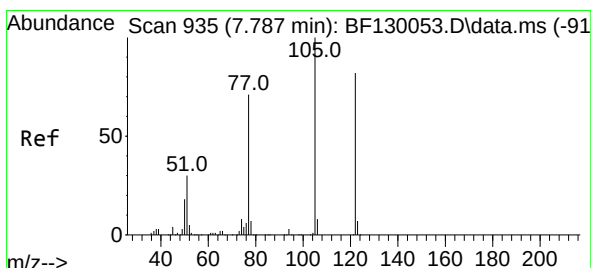
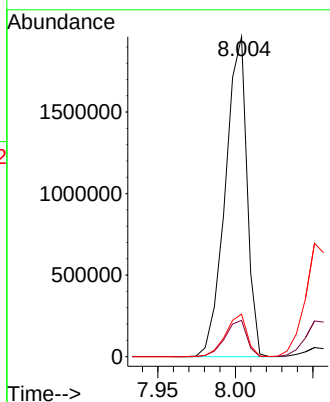
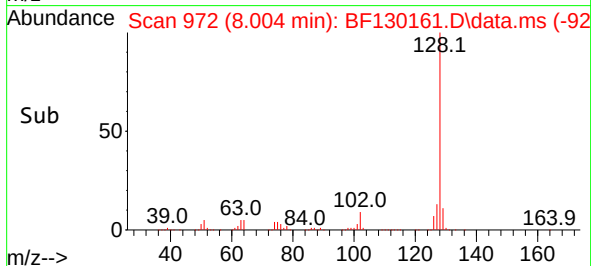
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:128 Resp: 1917244
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.7 16.1

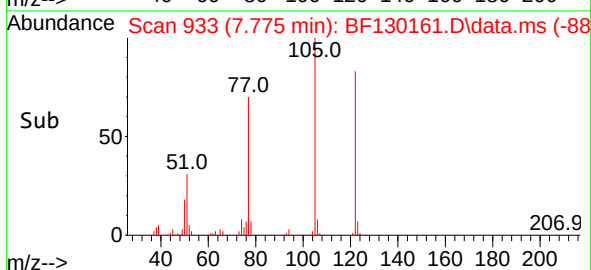
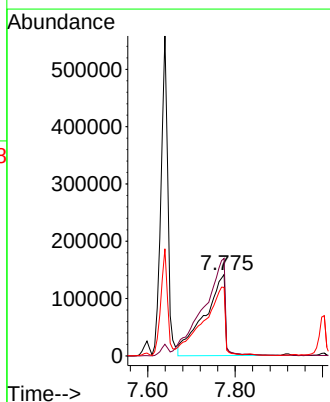
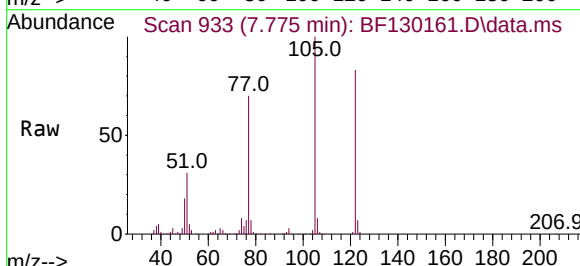
Manual Integrations
APPROVED

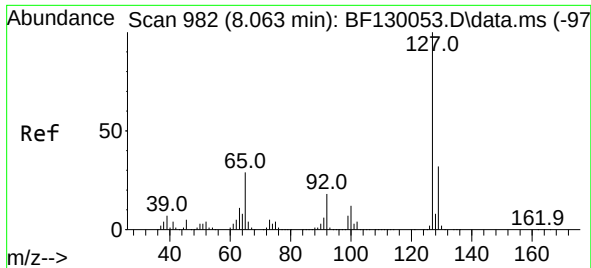
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#32
Benzoic acid
Concen: 49.508 ng
RT: 7.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:122 Resp: 473709
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 84.2 65.9 105.9





#33
4-Chloroaniline
Concen: 39.734 ng
RT: 8.051 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

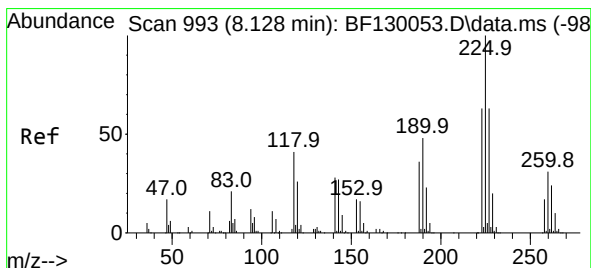
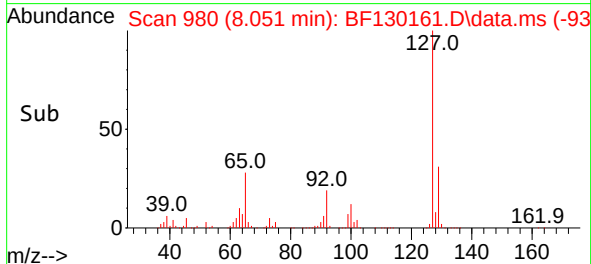
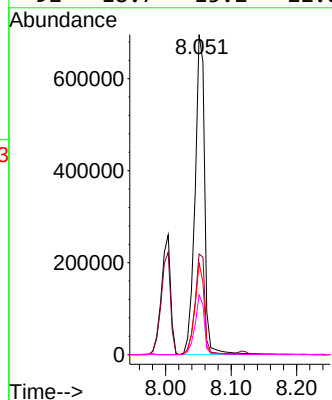
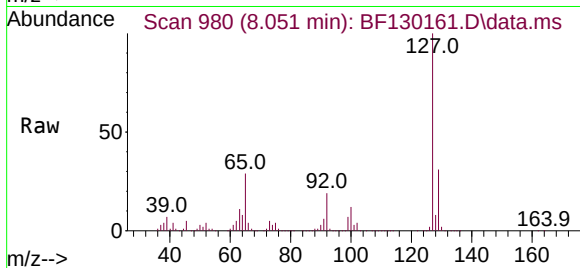
ClientSampleId :

PB147513BS

Tgt Ion:127 Resp: 714520
Ion Ratio Lower Upper
127 100
129 31.4 26.7 40.1
65 28.6 24.2 36.2
92 18.7 15.2 22.8

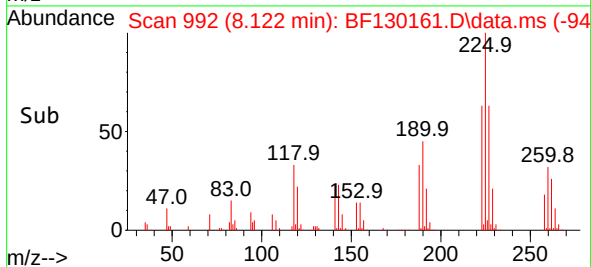
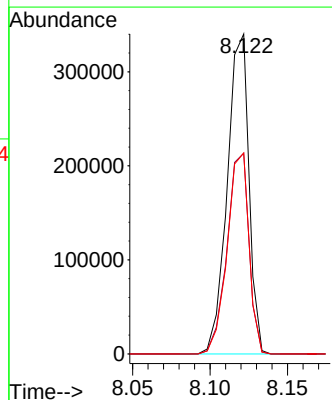
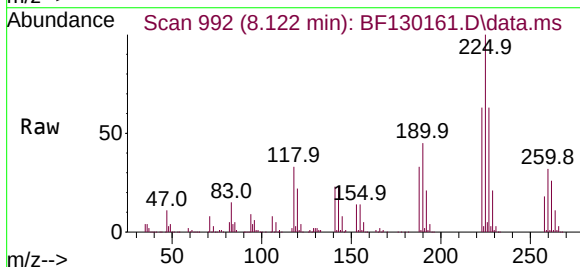
Manual Integrations
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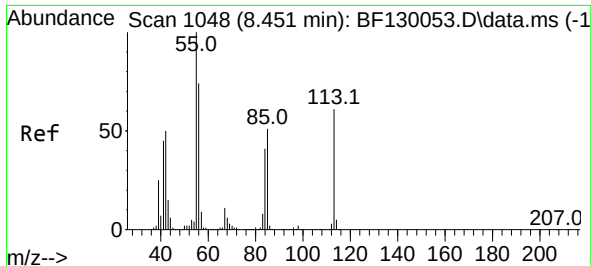
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#34
Hexachlorobutadiene
Concen: 43.923 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

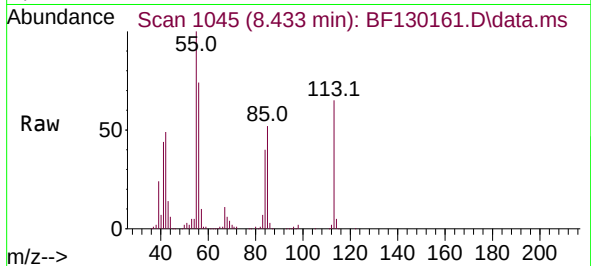
Tgt Ion:225 Resp: 330882
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 62.8 50.6 75.8





#35
Caprolactam
Concen: 46.563 ng m
RT: 8.433 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

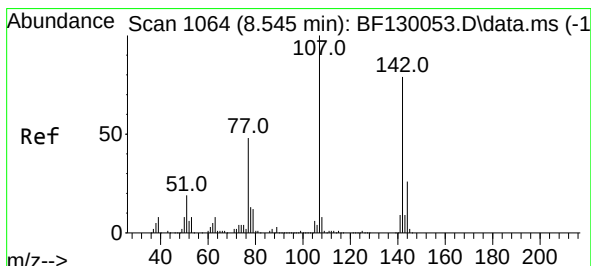
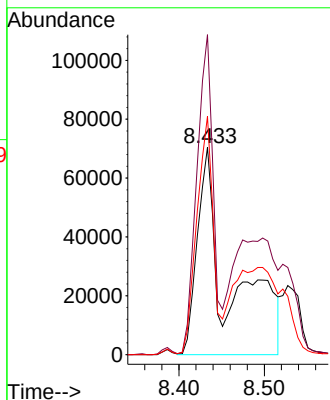
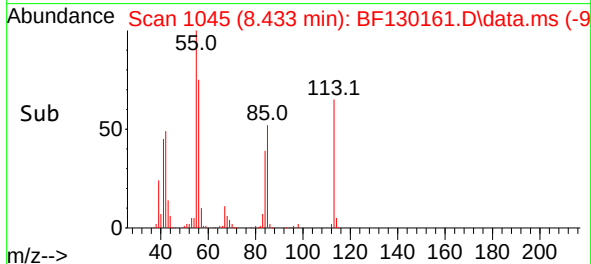
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:113 Resp: 180002
Ion Ratio Lower Upper
113 100
55 154.4 148.8 188.8
56 114.9 109.1 149.1

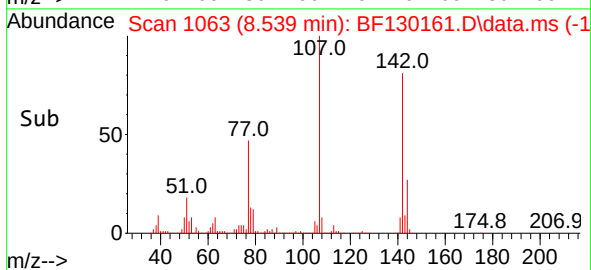
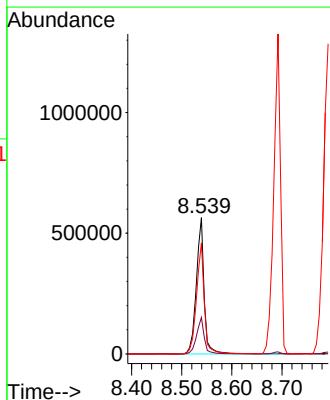
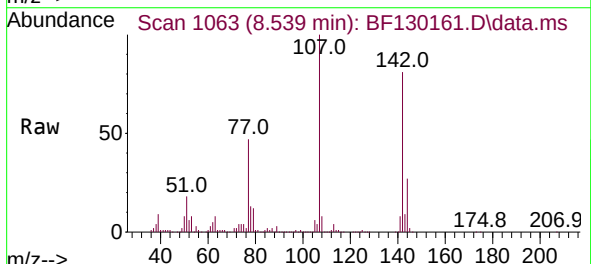
Manual Integrations
APPROVED

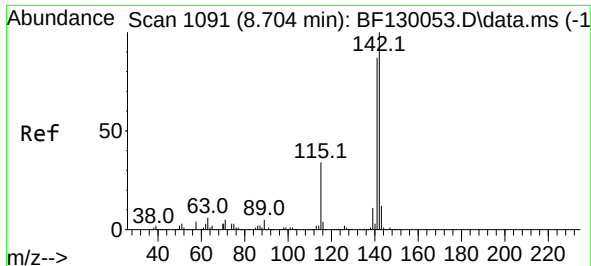
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#36
4-Chloro-3-methylphenol
Concen: 47.940 ng
RT: 8.539 min Scan# 1063
Delta R.T. 0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:107 Resp: 605162
Ion Ratio Lower Upper
107 100
144 26.7 19.9 29.9
142 81.5 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.105 ng

RT: 8.692 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

Tgt Ion:142 Resp: 1235912

Ion Ratio Lower Upper

142 100

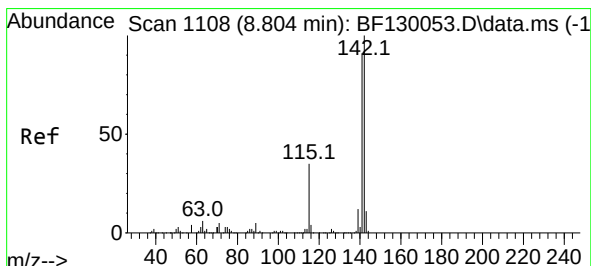
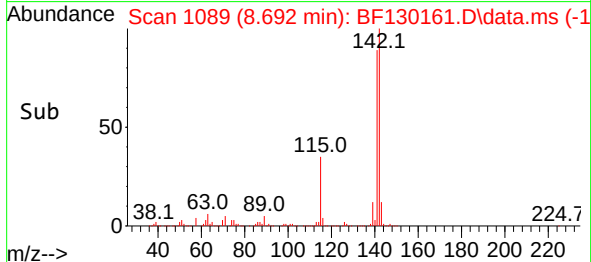
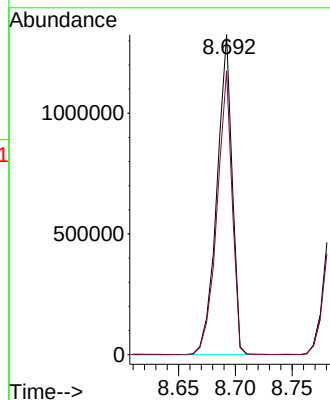
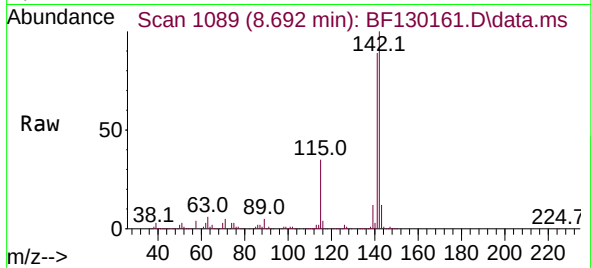
141 88.7 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#38

1-Methylnaphthalene

Concen: 42.540 ng

RT: 8.792 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF130161.D

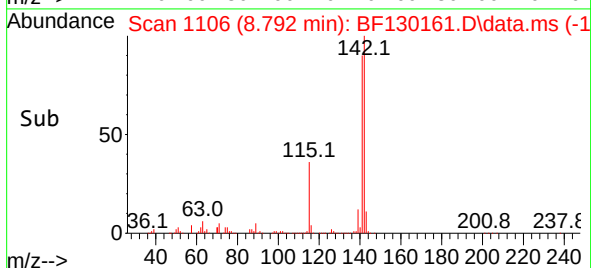
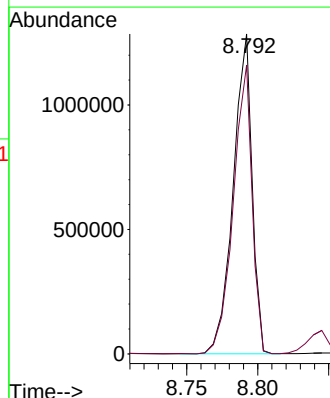
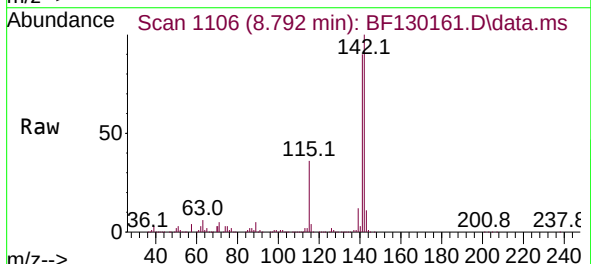
Acq: 07 Sep 2022 14:36

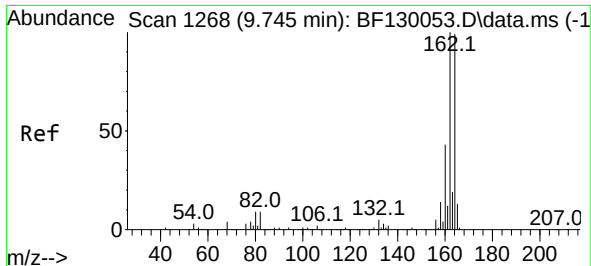
Tgt Ion:142 Resp: 1185542

Ion Ratio Lower Upper

142 100

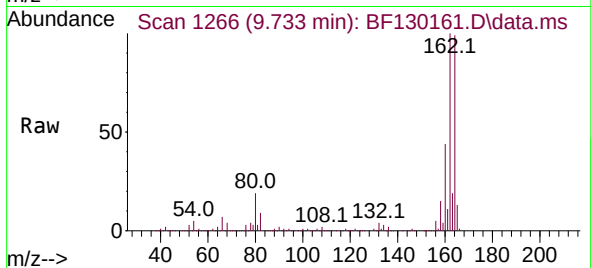
141 90.3 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

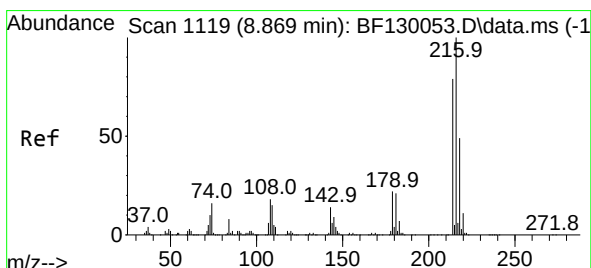
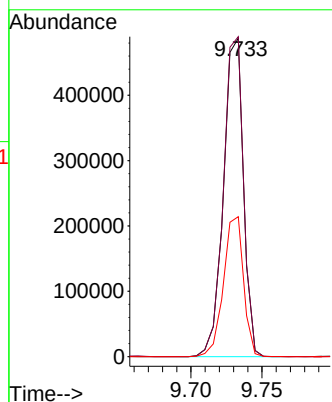
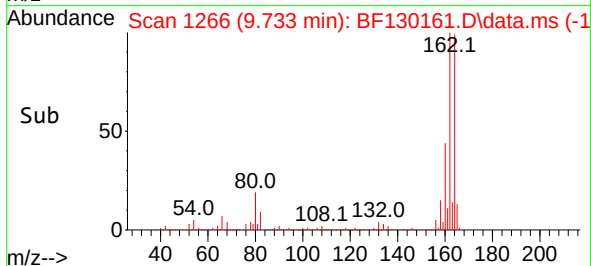
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:164 Resp: 478112
Ion Ratio Lower Upper
164 100
162 100.5 82.0 123.0
160 44.0 35.4 53.0

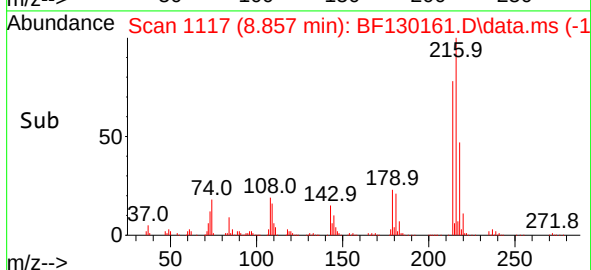
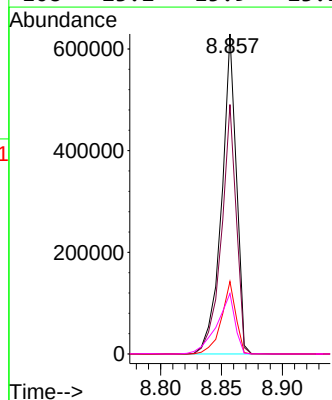
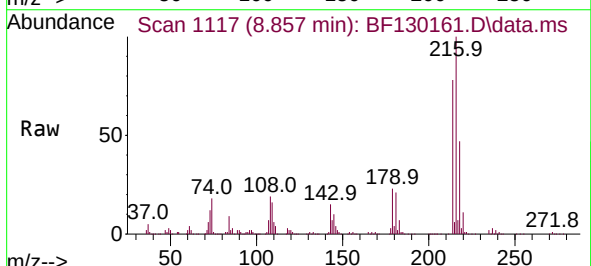
Manual Integrations
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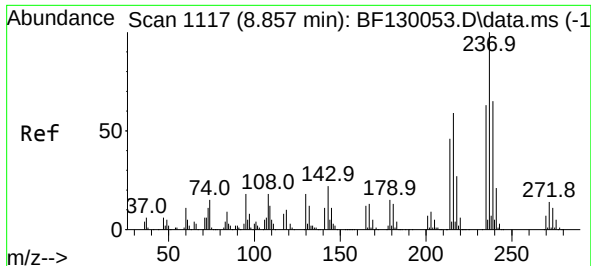
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.492 ng
RT: 8.857 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:216 Resp: 529764
Ion Ratio Lower Upper
216 100
214 78.1 63.1 94.7
179 22.1 18.1 27.1
108 23.2 15.9 23.9





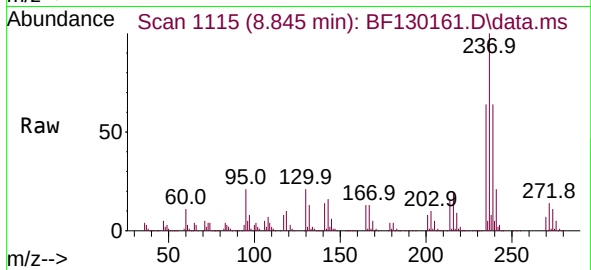
#41
Hexachlorocyclopentadiene
Concen: 101.797 ng
RT: 8.845 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

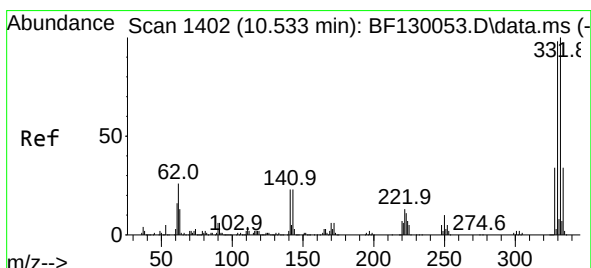
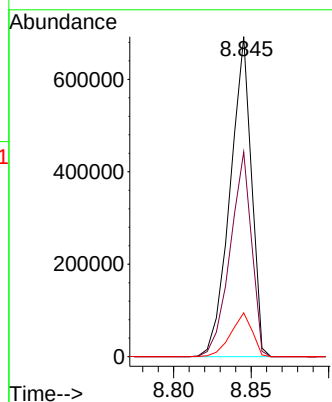
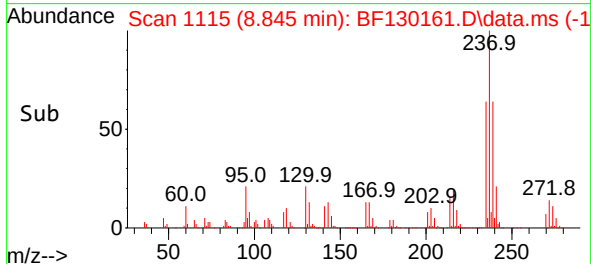


Tgt Ion:237 Resp: 663262
Ion Ratio Lower Upper
237 100
235 64.0 41.5 81.5
272 13.7 0.0 33.3

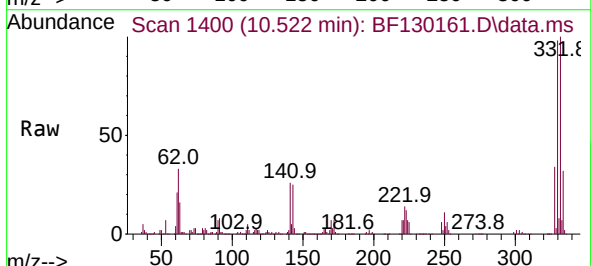
Manual Integrations

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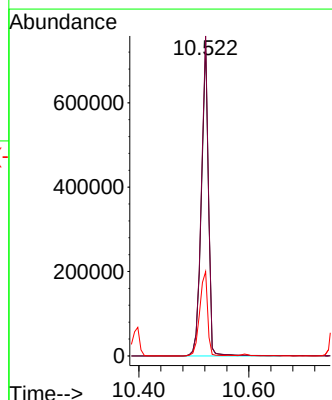
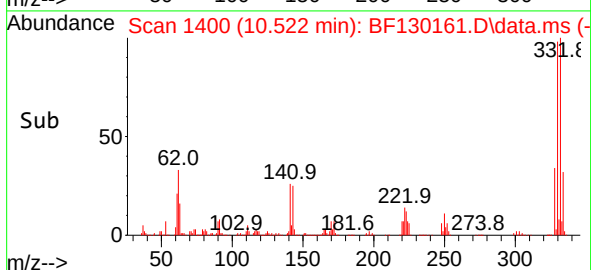
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

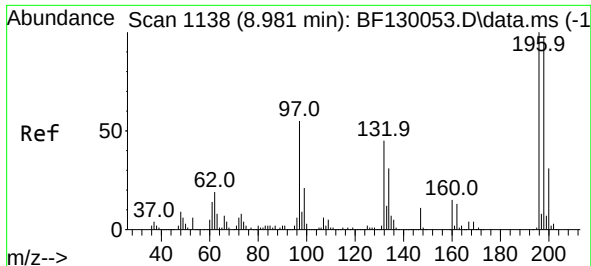


#42
2,4,6-Tribromophenol
Concen: 150.546 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion:330 Resp: 655200
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 30.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 45.083 ng

RT: 8.969 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF130161.D

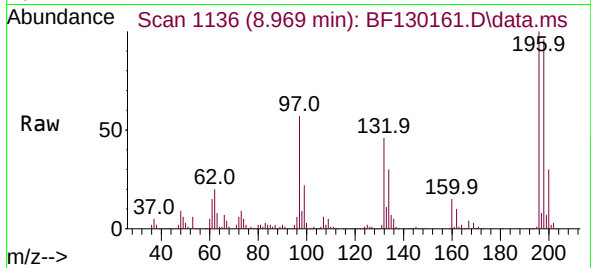
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS



Tgt Ion:196 Resp: 401199

Ion Ratio Lower Upper

196 100

198 96.0 79.0 118.4

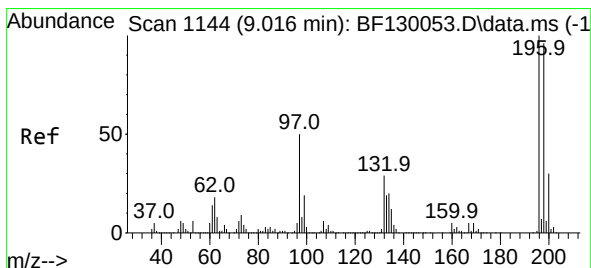
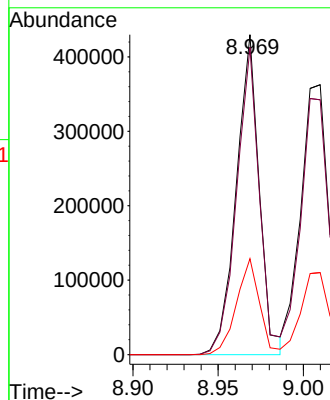
200 30.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#44

2,4,5-Trichlorophenol

Concen: 44.443 ng

RT: 9.010 min Scan# 1143

Delta R.T. 0.006 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Tgt Ion:196 Resp: 428679

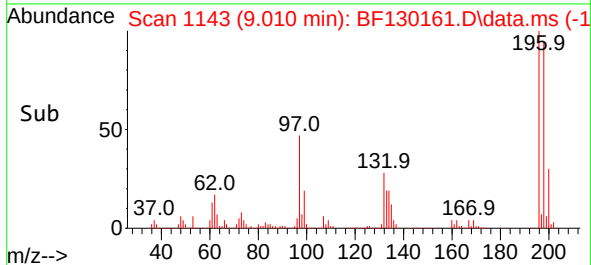
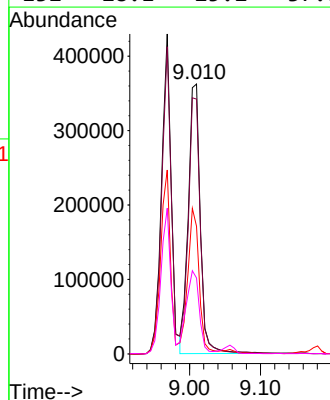
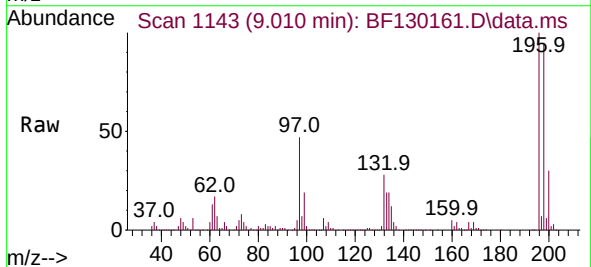
Ion Ratio Lower Upper

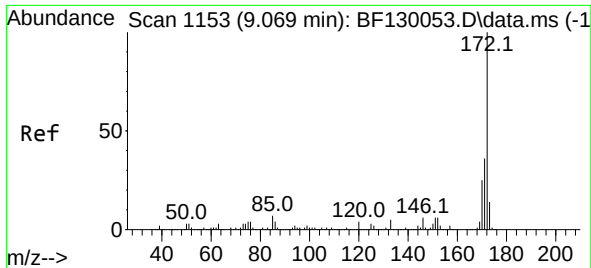
196 100

198 94.4 76.4 114.6

97 47.3 46.5 69.7

132 28.1 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 80.695 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

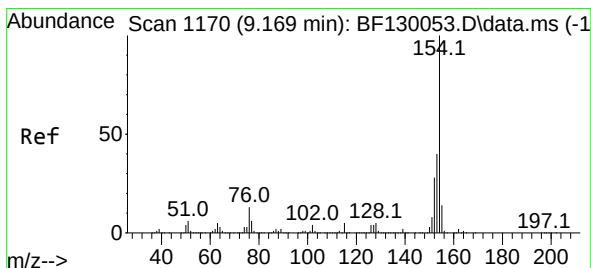
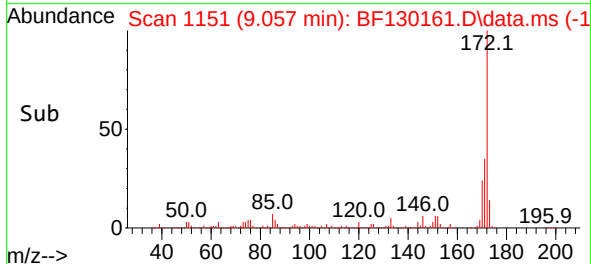
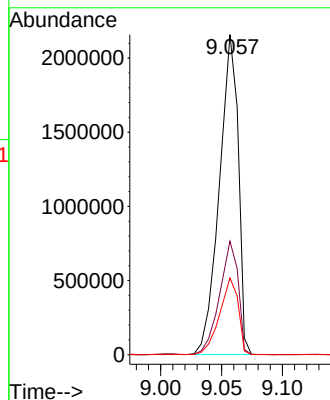
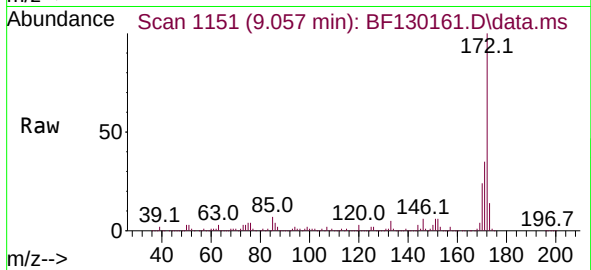
PB147513BS

Tgt Ion:172 Resp: 2327029
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.0 19.1 28.7

Manual Integrations

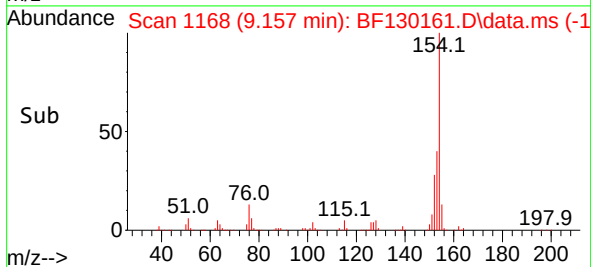
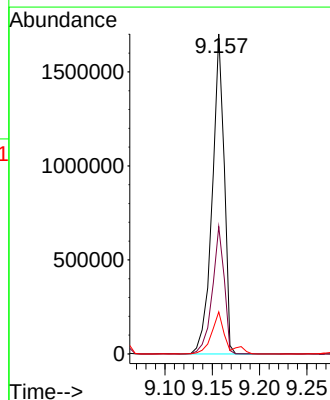
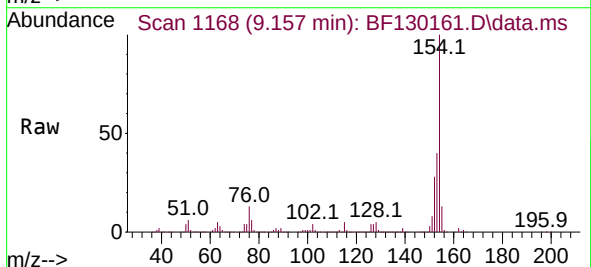
APPROVED

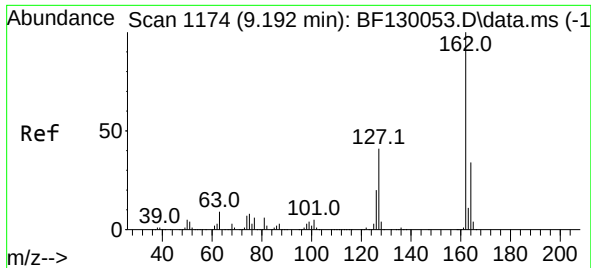
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#46
1,1'-Biphenyl
Concen: 42.927 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:154 Resp: 1491071
Ion Ratio Lower Upper
154 100
153 39.8 20.2 60.2
76 13.1 0.0 32.1





#47

2-Chloronaphthalene

Concen: 42.304 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

Tgt Ion:162 Resp: 1177370

Ion Ratio Lower Upper

162 100

127 41.0 33.1 49.7

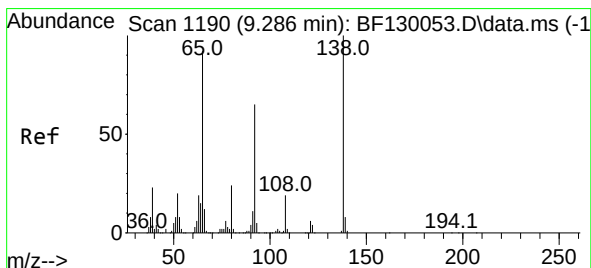
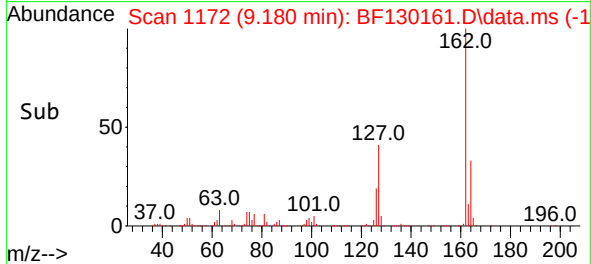
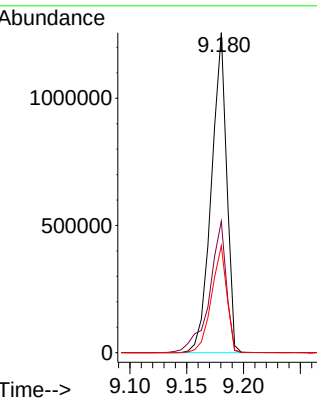
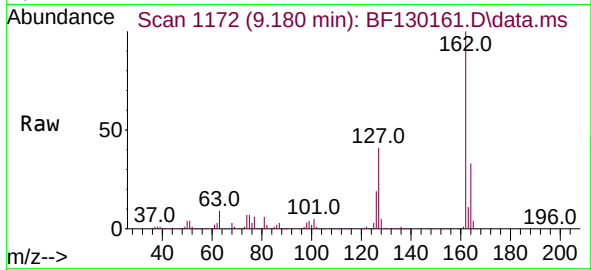
164 33.4 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#48

2-Nitroaniline

Concen: 53.720 ng

RT: 9.280 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

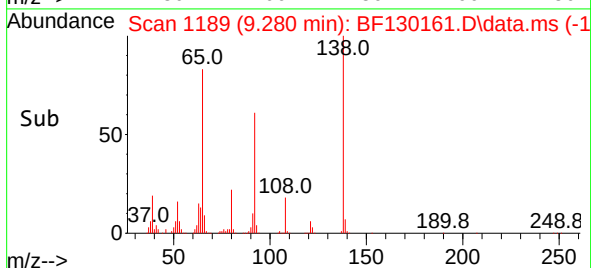
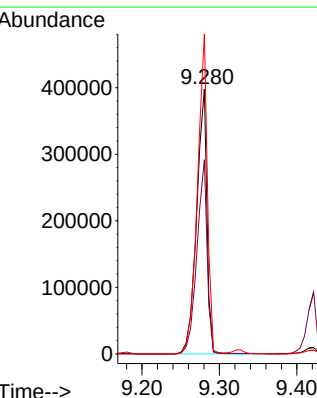
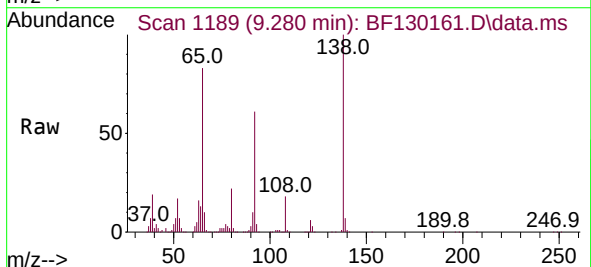
Tgt Ion: 65 Resp: 368428

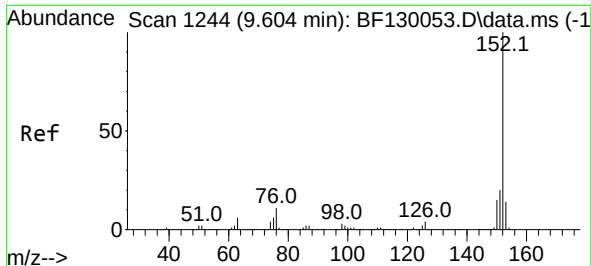
Ion Ratio Lower Upper

65 100

92 73.3 55.0 82.4

138 120.8 81.3 121.9





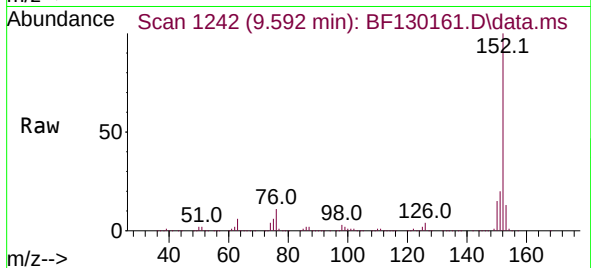
#49
Acenaphthylene
Concen: 42.295 ng
RT: 9.592 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

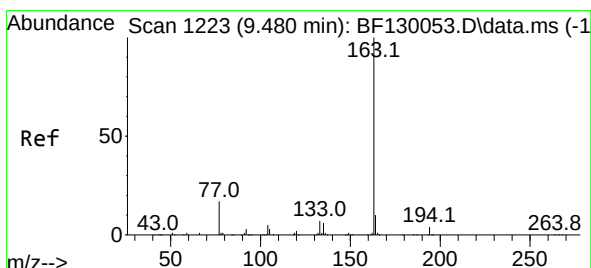
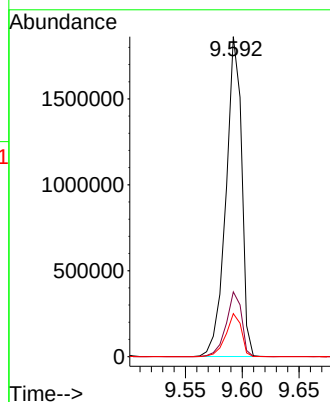
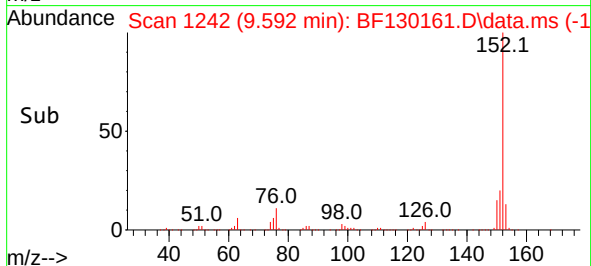


Tgt Ion:152 Resp: 1787492
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.6 16.0

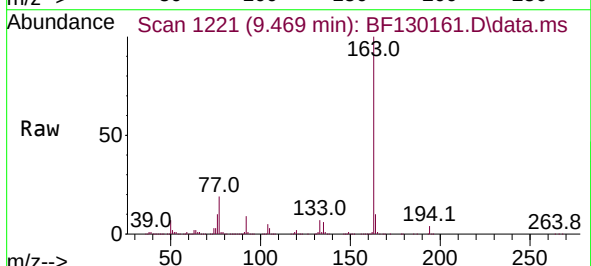
Manual Integrations

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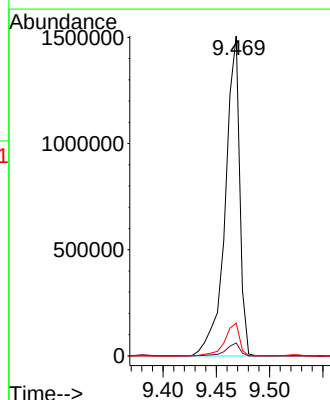
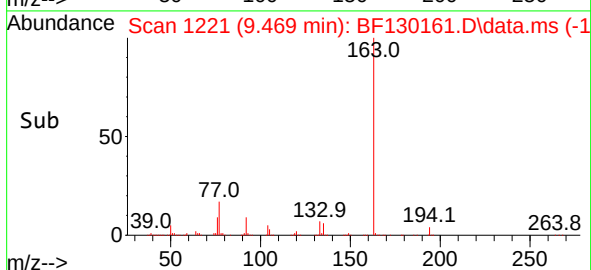
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

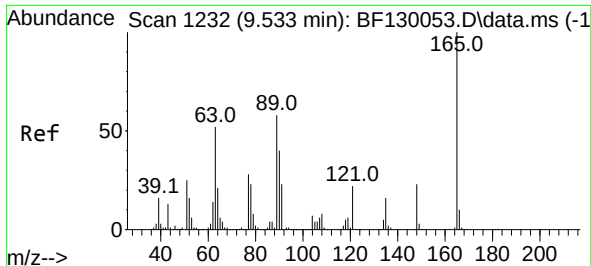


#50
Dimethylphthalate
Concen: 43.622 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



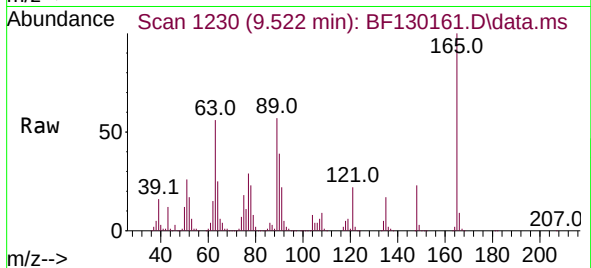
Tgt Ion:163 Resp: 1420563
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.892 ng
RT: 9.522 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

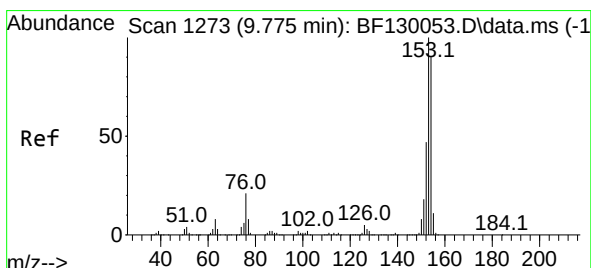
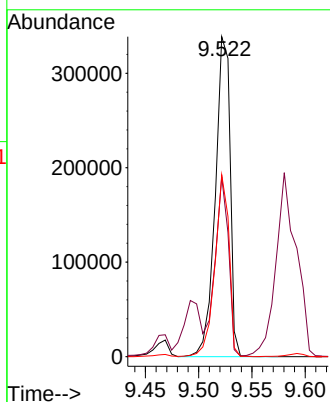
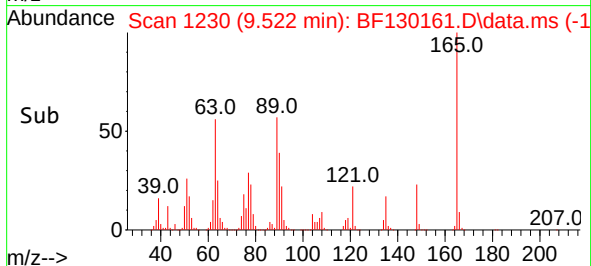
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:165 Resp: 32947
Ion Ratio Lower Upper
165 100
63 56.2 47.8 71.8
89 56.8 47.2 70.8

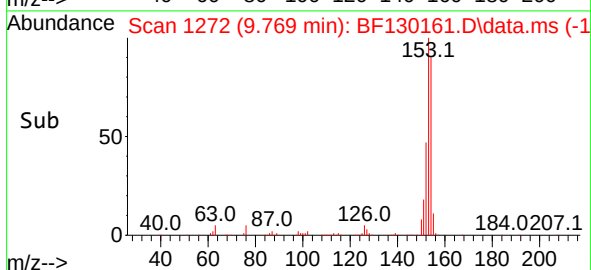
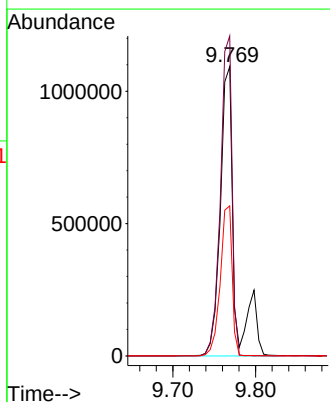
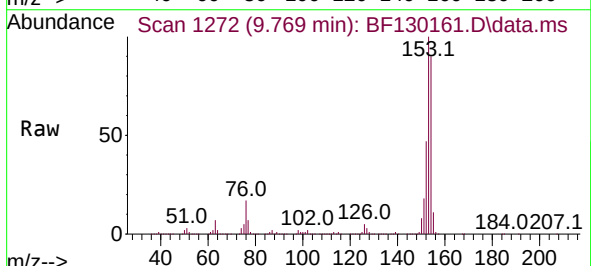
Manual Integrations
APPROVED

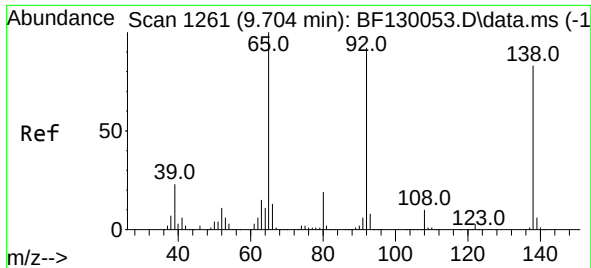
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#52
Acenaphthene
Concen: 48.598 ng m
RT: 9.769 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:154 Resp: 1294399
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.6
152 51.9 42.1 63.1





#53
3-Nitroaniline
Concen: 43.834 ng
RT: 9.692 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

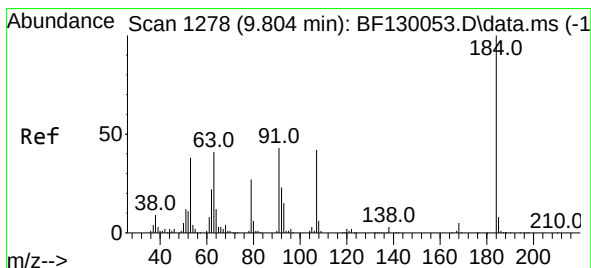
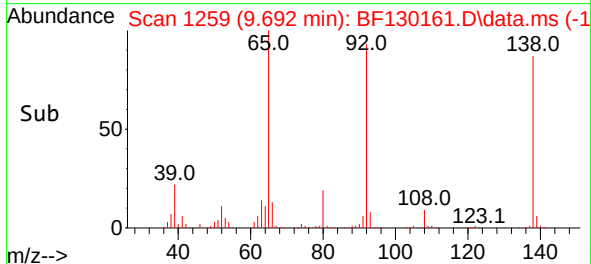
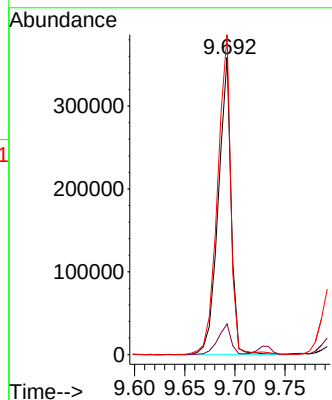
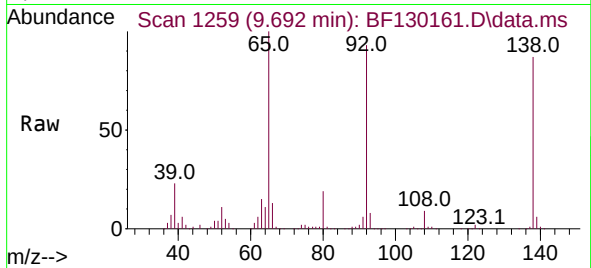
PB147513BS

Tgt Ion:138 Resp: 319445
Ion Ratio Lower Upper
138 100
108 10.3 8.4 12.6
92 107.6 89.8 134.8

Manual Integrations

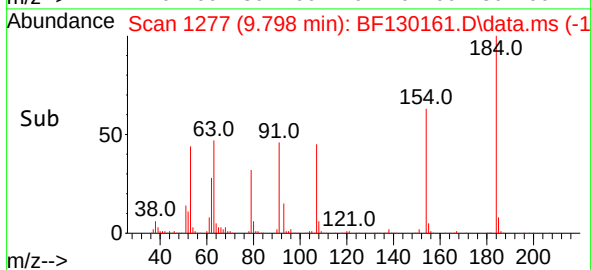
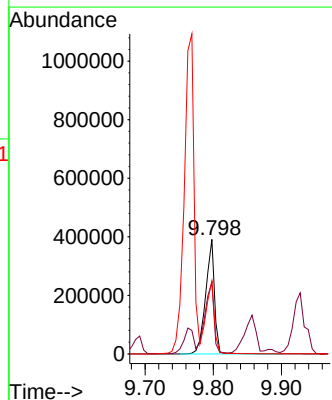
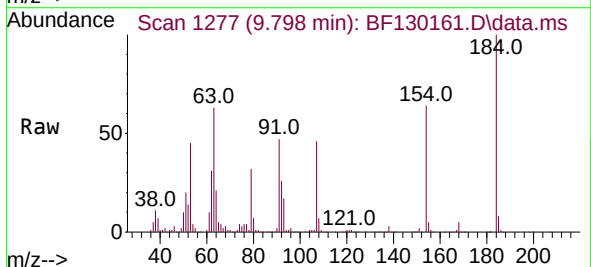
APPROVED

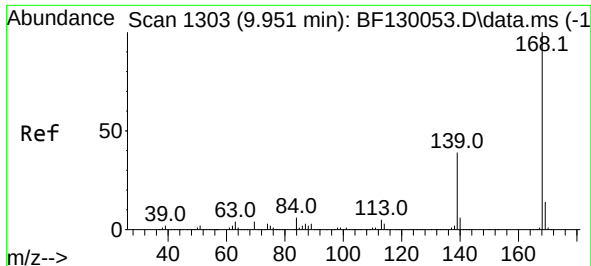
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#54
2,4-Dinitrophenol
Concen: 118.375 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

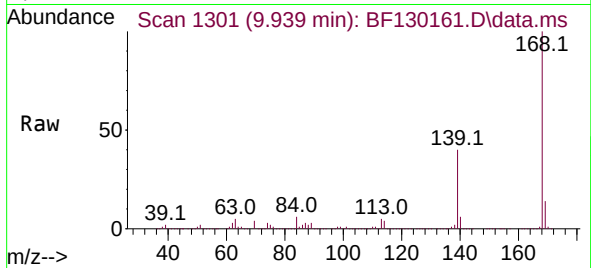
Tgt Ion:184 Resp: 353668
Ion Ratio Lower Upper
184 100
63 62.6 59.6 89.4
154 63.5 55.3 82.9





#55
Dibenzofuran
Concen: 42.629 ng
RT: 9.939 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

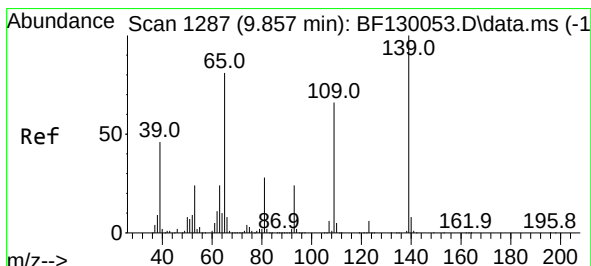
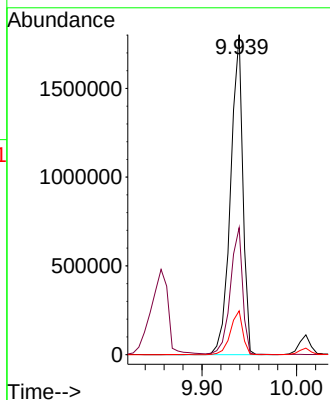
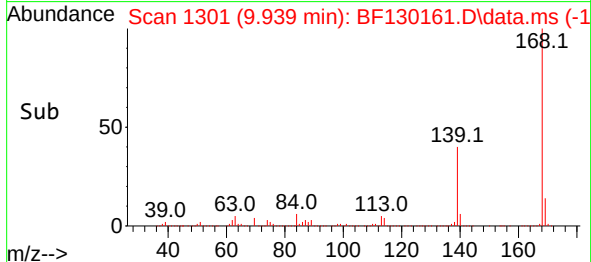
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:168 Resp: 162584
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.7 10.7 16.1

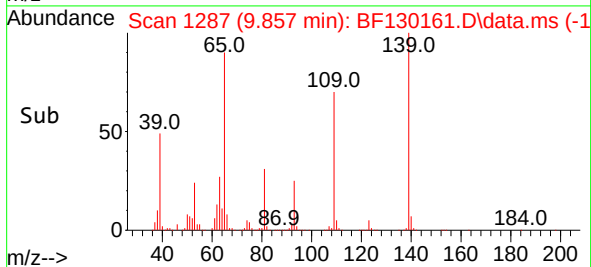
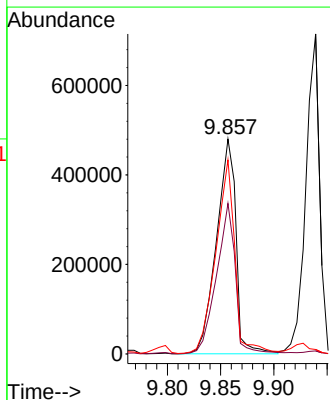
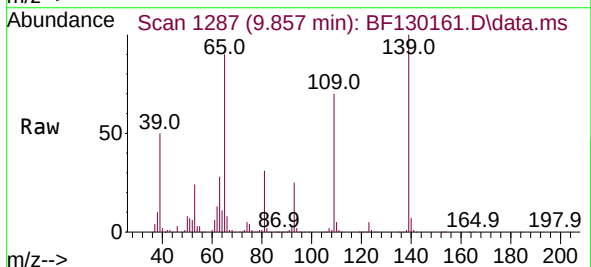
Manual Integrations
APPROVED

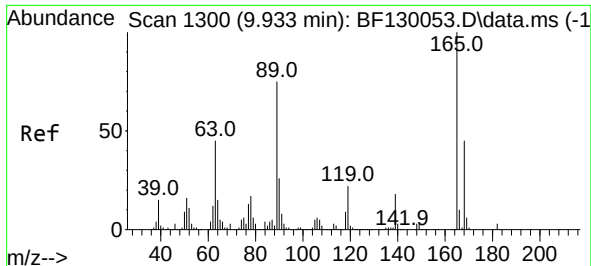
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#56
4-Nitrophenol
Concen: 109.102 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.012 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:139 Resp: 612985
Ion Ratio Lower Upper
139 100
109 70.0 52.9 92.9
65 90.3 79.5 119.5





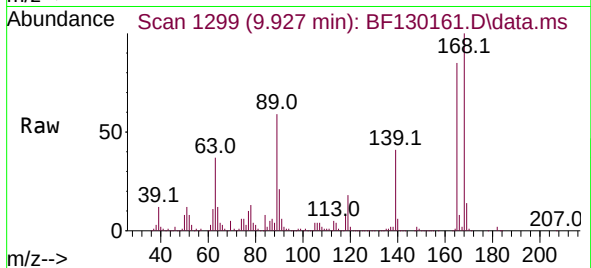
#57
2,4-Dinitrotoluene
Concen: 58.066 ng
RT: 9.927 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

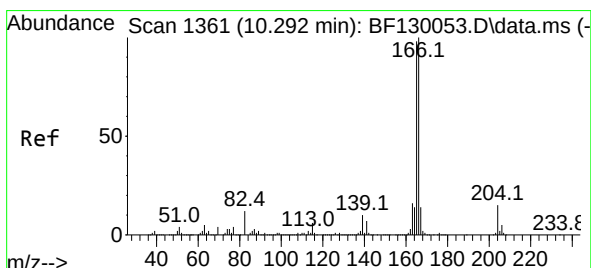
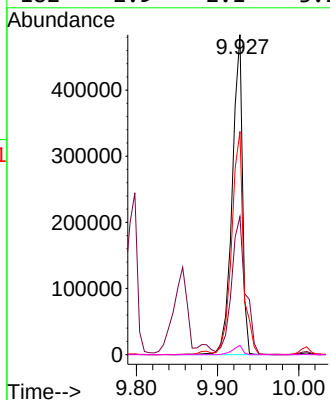
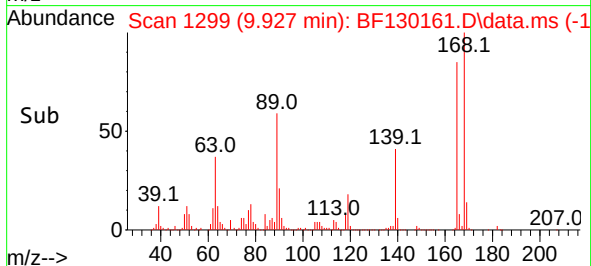


Tgt Ion:165 Resp: 424458
Ion Ratio Lower Upper
165 100
63 43.1 48.4 72.6
89 69.7 62.3 93.5
182 2.9 2.1 3.1

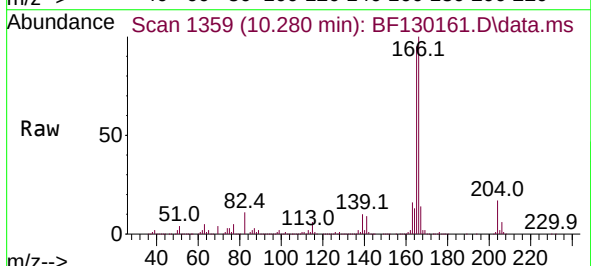
Manual Integrations

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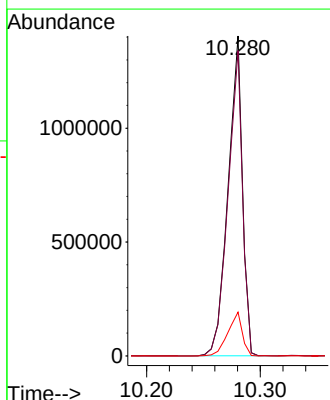
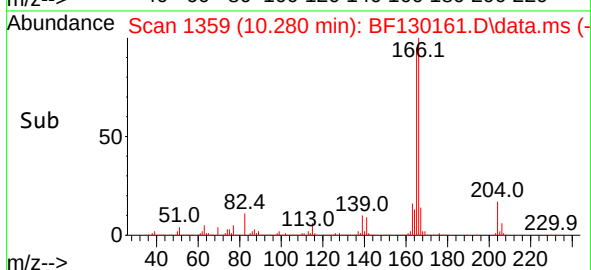
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

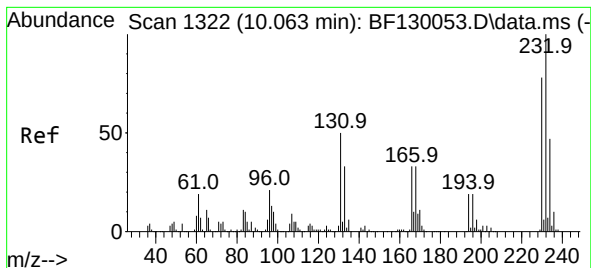


#58
Fluorene
Concen: 42.679 ng
RT: 10.280 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



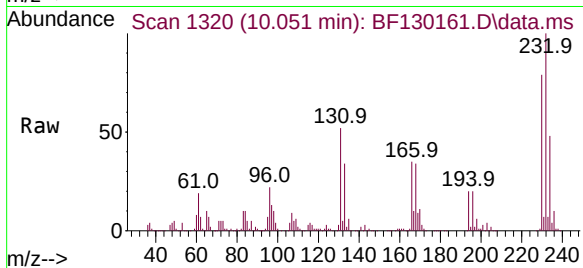
Tgt Ion:166 Resp: 1238537
Ion Ratio Lower Upper
166 100
165 95.4 77.9 116.9
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.433 ng
RT: 10.051 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

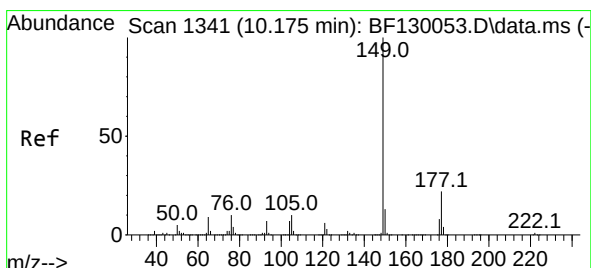
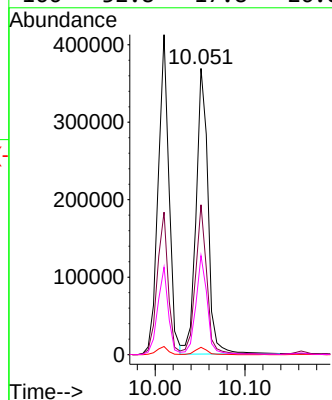
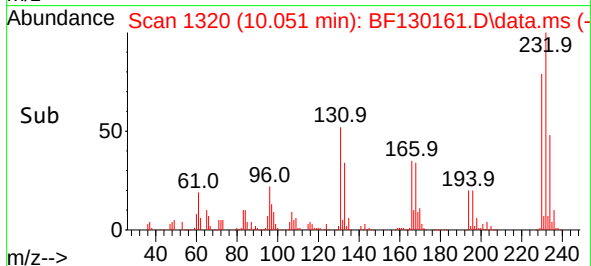
Instrument :
BNA_F
ClientSampleId :
PB147513BS



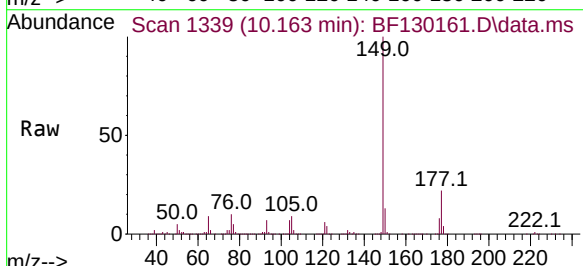
Tgt Ion:232 Resp: 340366
Ion Ratio Lower Upper
232 100
131 49.8 29.9 44.9
130 2.6 1.5 2.3
166 32.8 17.8 26.8

Manual Integrations
APPROVED

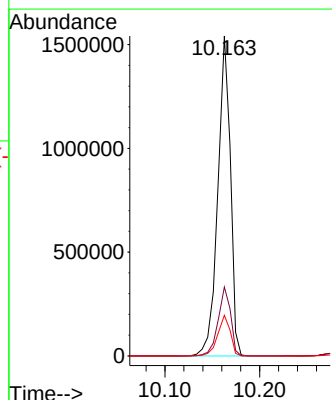
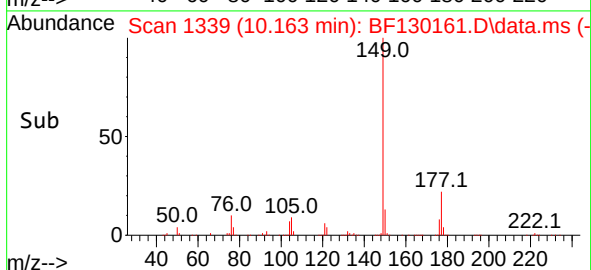
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

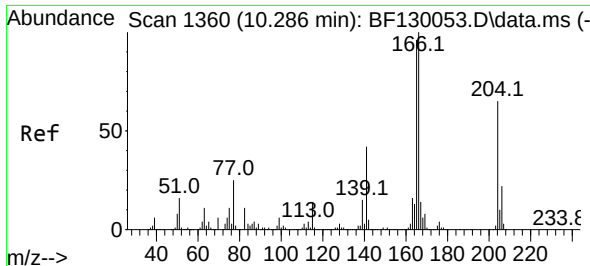


#60
Diethylphthalate
Concen: 45.059 ng
RT: 10.163 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion:149 Resp: 1419547
Ion Ratio Lower Upper
149 100
177 21.5 17.7 26.5
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.473 ng
RT: 10.274 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

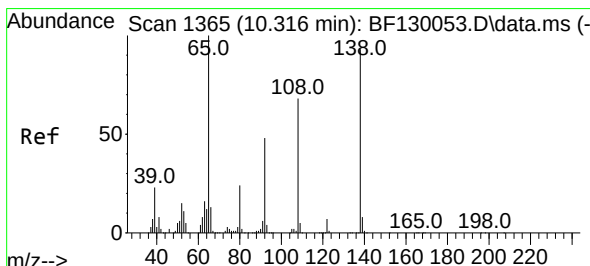
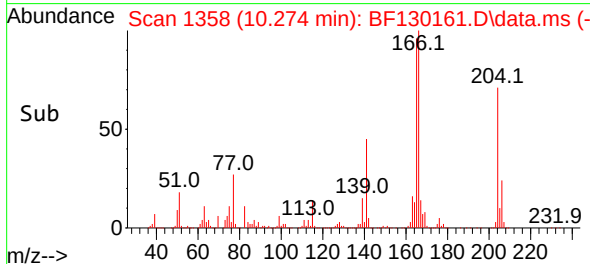
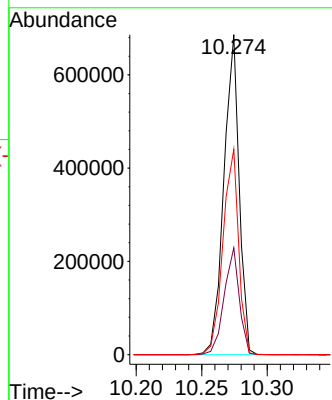
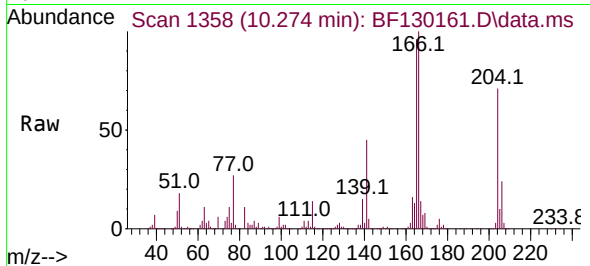
ClientSampleId :

PB147513BS

Tgt Ion:204 Resp: 557683
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 64.2 52.6 79.0

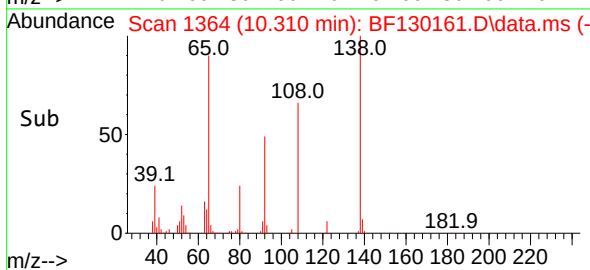
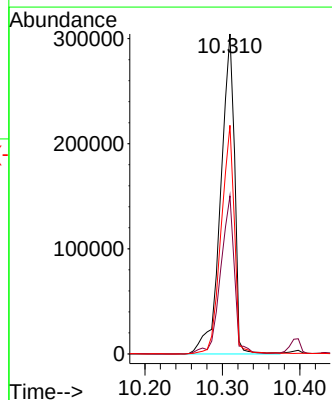
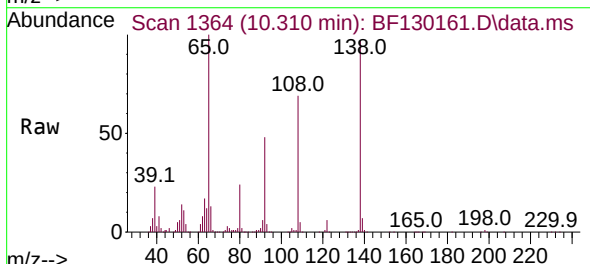
Manual Integrations
APPROVED

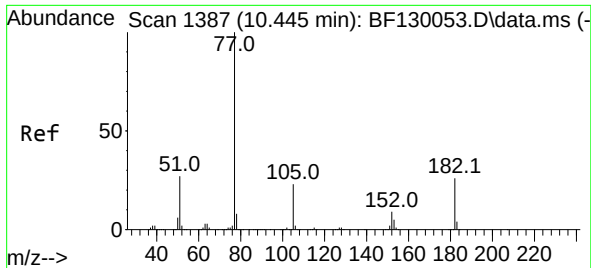
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#62
4-Nitroaniline
Concen: 53.364 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:138 Resp: 378217
Ion Ratio Lower Upper
138 100
92 49.4 30.3 70.3
108 71.4 55.7 95.7





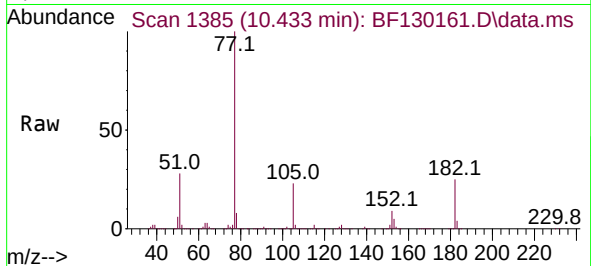
#63
Azobenzene
Concen: 42.372 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

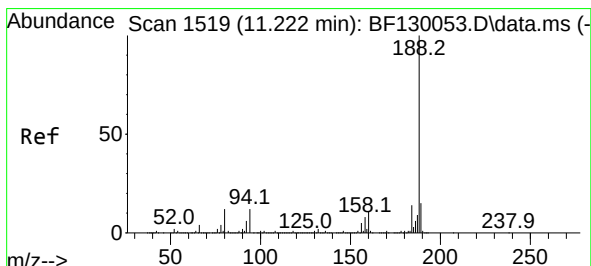
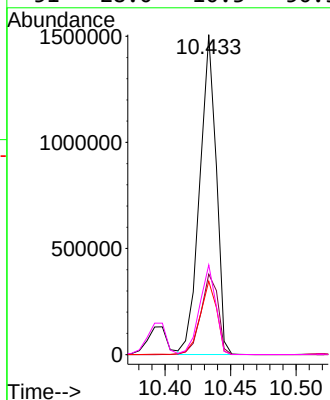
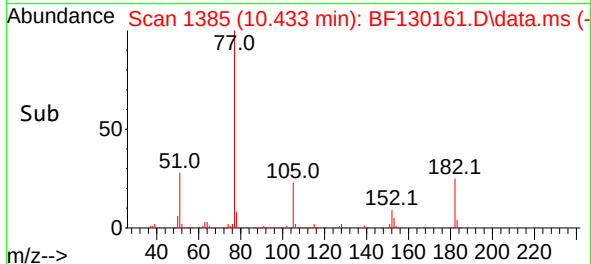


Tgt Ion: 77 Resp: 1314320
Ion Ratio Lower Upper
77 100
182 25.1 2.2 42.2
105 22.9 0.8 40.8
51 28.0 10.3 50.3

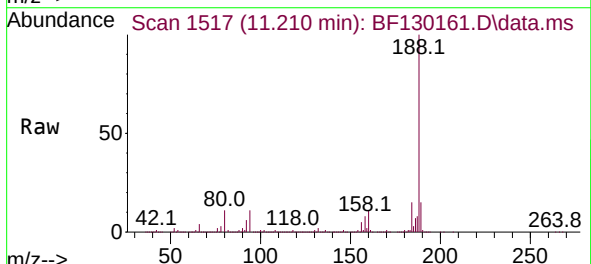
Manual Integrations

APPROVED

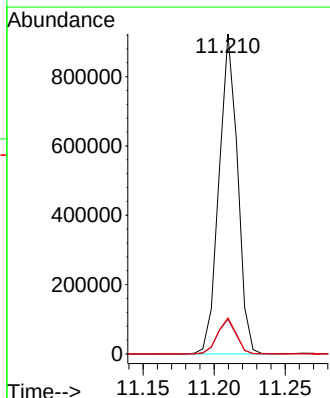
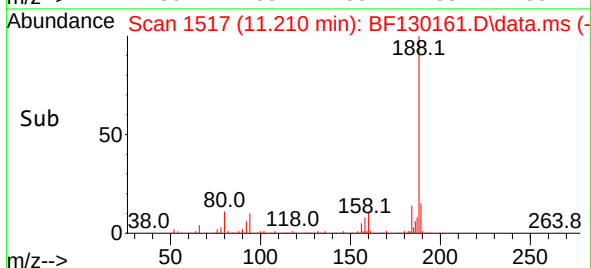
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

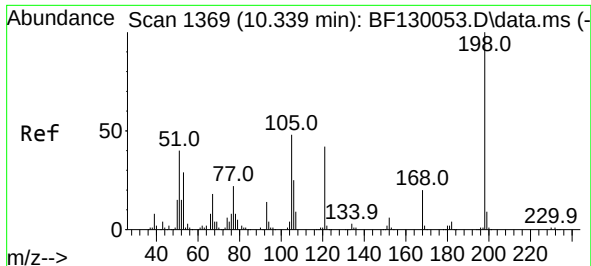


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



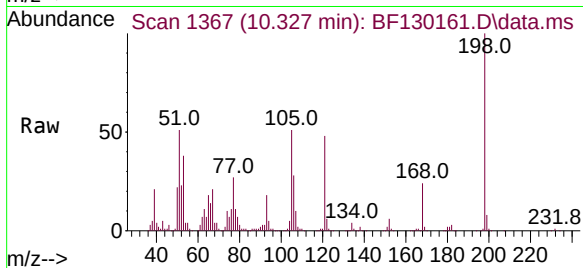
Tgt Ion:188 Resp: 841051
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 53.948 ng
RT: 10.327 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

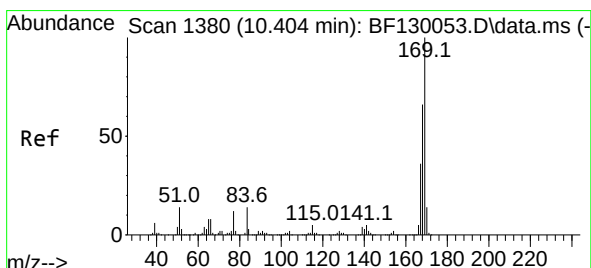
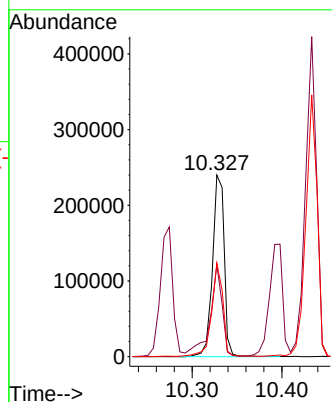
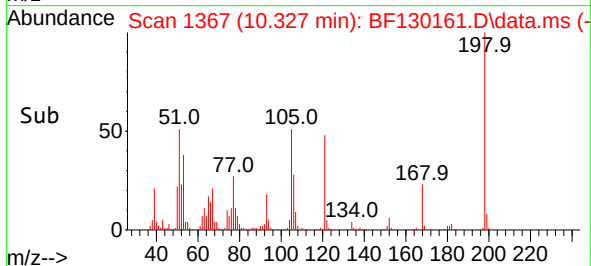
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:198 Resp: 217023
Ion Ratio Lower Upper
198 100
51 50.7 29.4 69.4
105 51.5 29.2 69.2

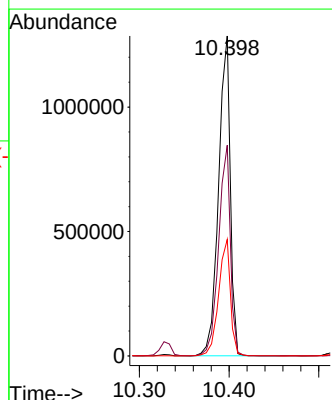
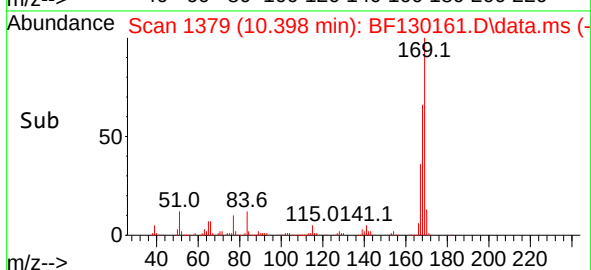
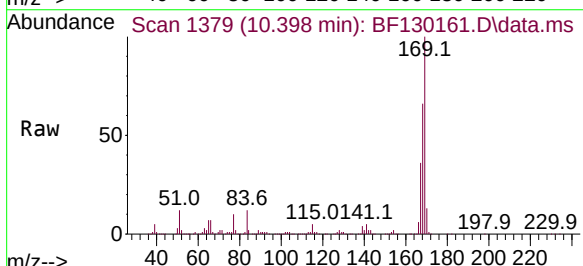
Manual Integrations
APPROVED

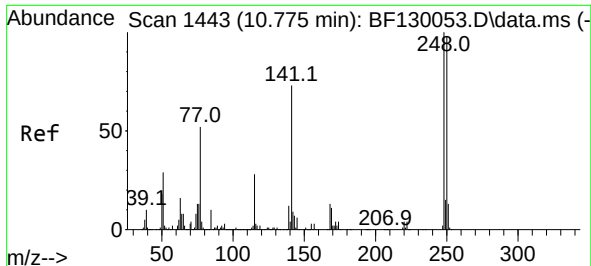
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#66
n-Nitrosodiphenylamine
Concen: 41.899 ng
RT: 10.398 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

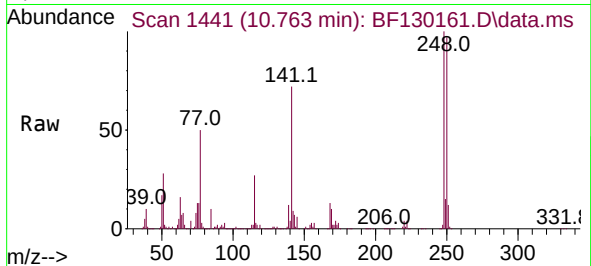
Tgt Ion:169 Resp: 1178010
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.2
167 36.4 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 42.901 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

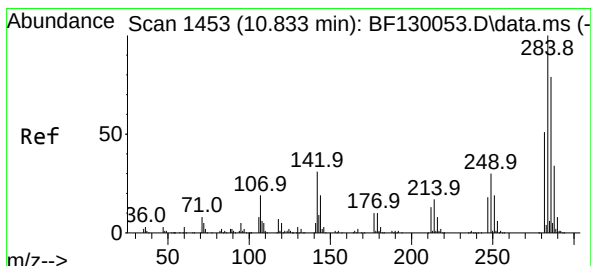
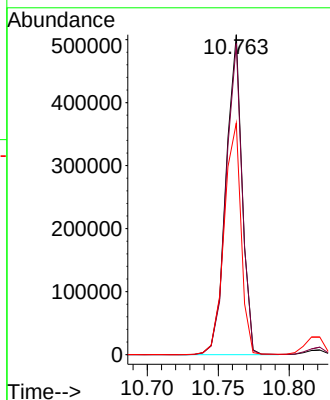
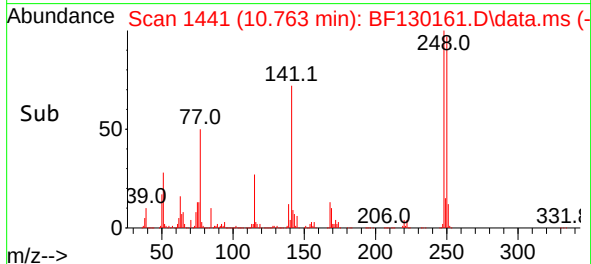
Instrument :
BNA_F
ClientSampleId :
PB147513BS



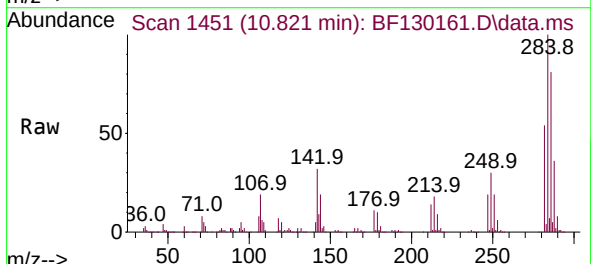
Tgt Ion:248 Resp: 401342
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 72.3 66.2 99.2

Manual Integrations
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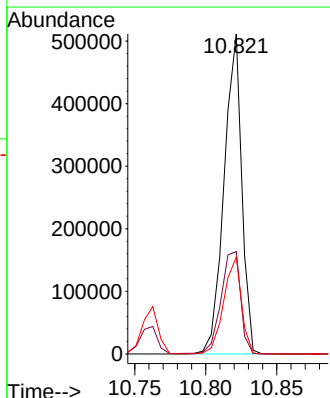
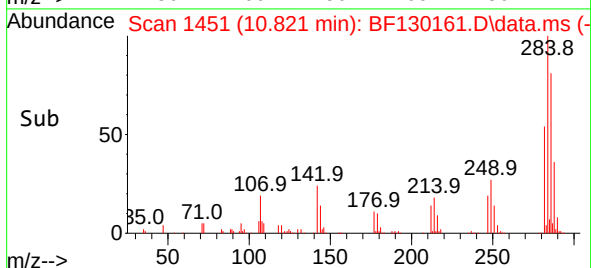
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

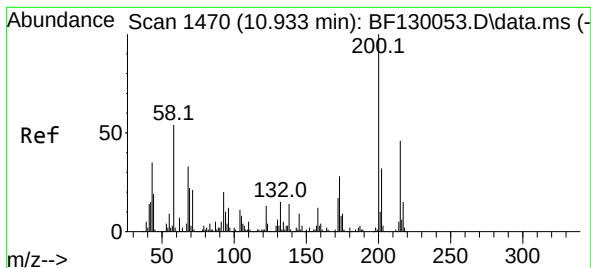


#68
Hexachlorobenzene
Concen: 43.440 ng
RT: 10.821 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion:284 Resp: 442806
Ion Ratio Lower Upper
284 100
142 32.0 31.4 47.0
249 30.2 25.7 38.5





#69

Atrazine

Concen: 46.955 ng

RT: 10.927 min Scan# 1469

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

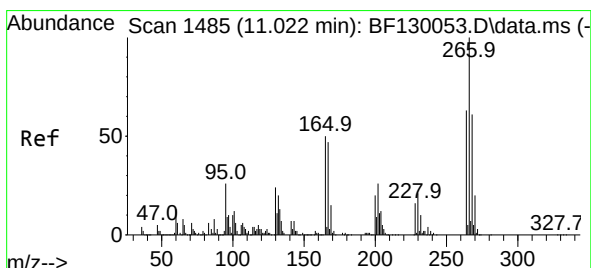
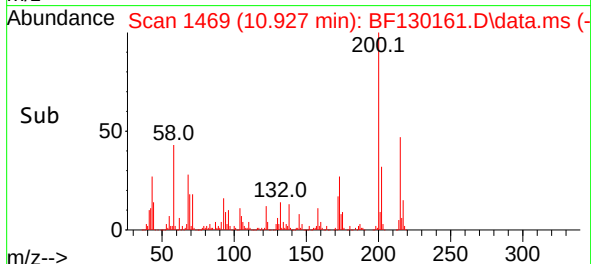
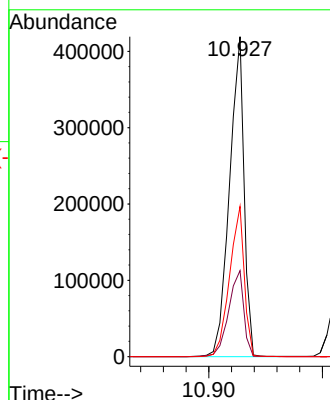
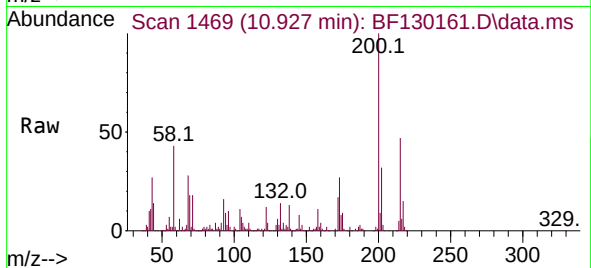
PB147513BS

Tgt Ion:200 Resp: 373479
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.4 46.4
 215 46.9 27.1 67.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022
 Supervised By :Jagrut Upadhyay 09/08/2022



#70

Pentachlorophenol

Concen: 93.367 ng

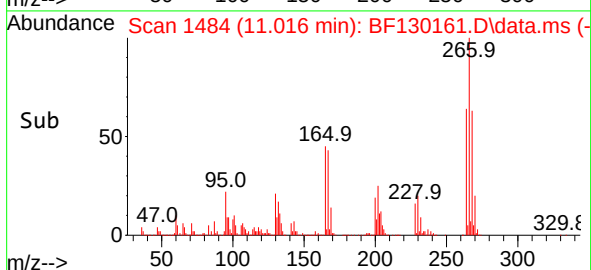
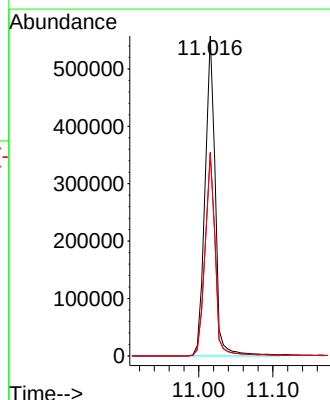
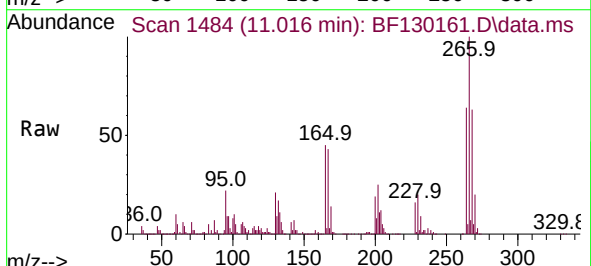
RT: 11.016 min Scan# 1484

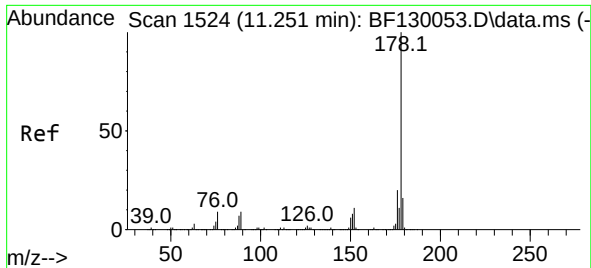
Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Tgt Ion:266 Resp: 532203
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.0 73.4
 264 63.6 47.9 71.9





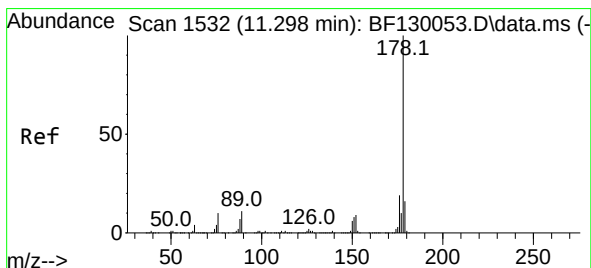
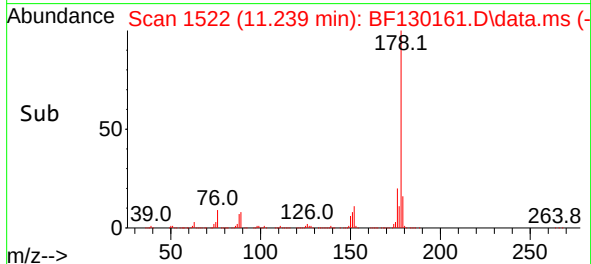
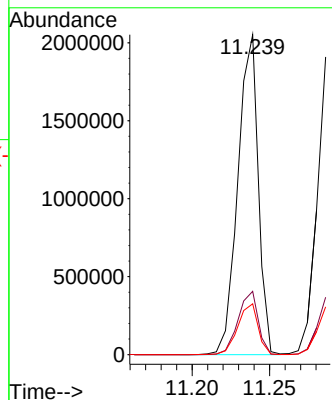
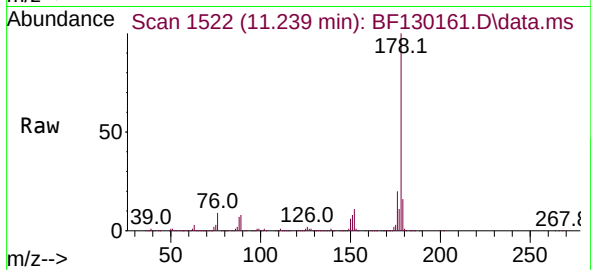
#71
Phenanthrene
Concen: 41.388 ng
RT: 11.239 min Scan# 11239
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :
BNA_F
ClientSampleId :
PB147513BS

Tgt Ion:178 Resp: 1887743
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.5 18.7

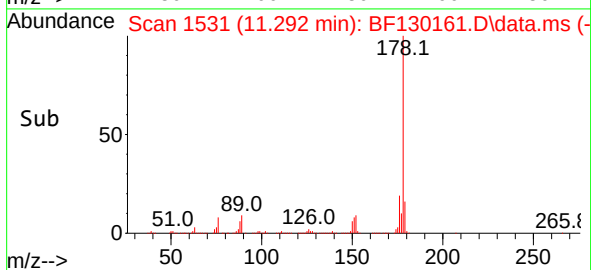
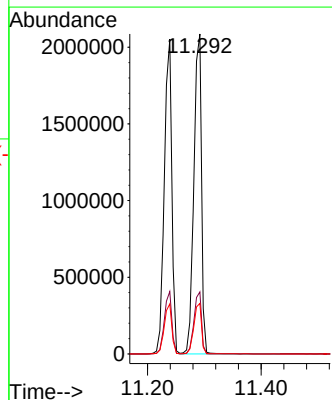
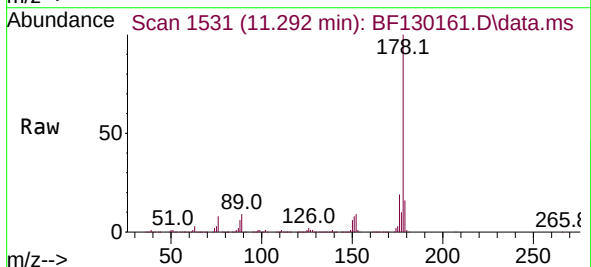
Manual Integrations
APPROVED

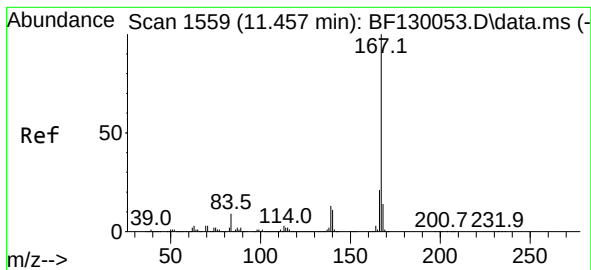
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#72
Anthracene
Concen: 43.194 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:178 Resp: 1936743
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.8 12.6 18.8





#73

Carbazole

Concen: 44.174 ng

RT: 11.445 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

Tgt Ion:167 Resp: 1826473

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

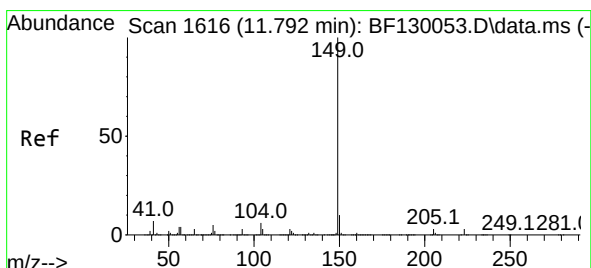
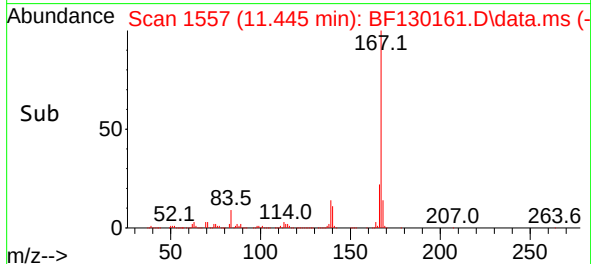
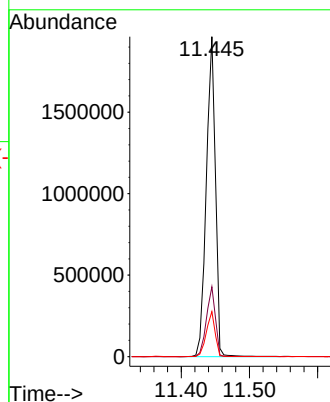
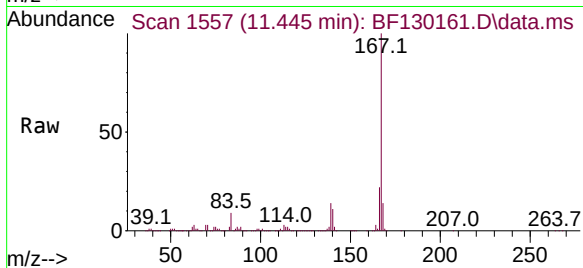
139 14.1 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#74

Di-n-butylphthalate

Concen: 43.812 ng

RT: 11.780 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

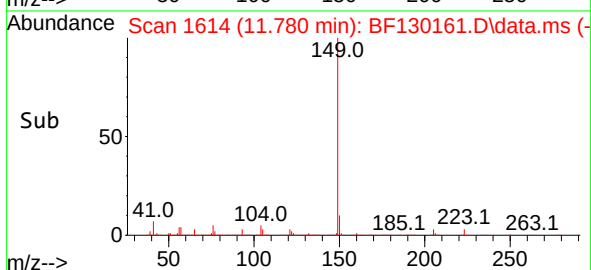
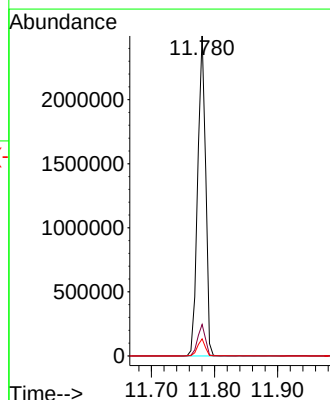
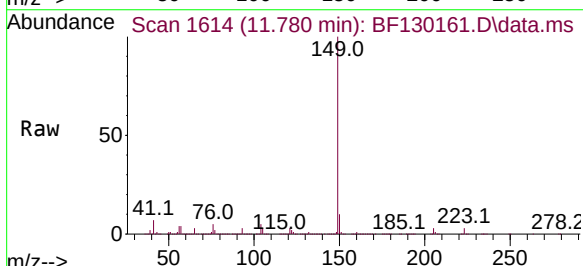
Tgt Ion:149 Resp: 2184425

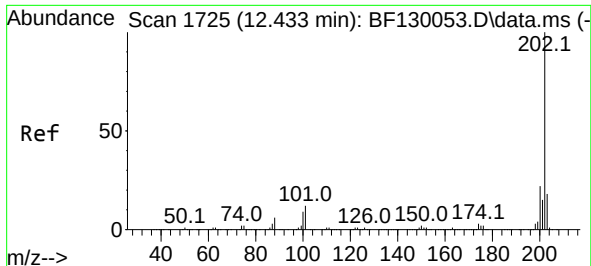
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

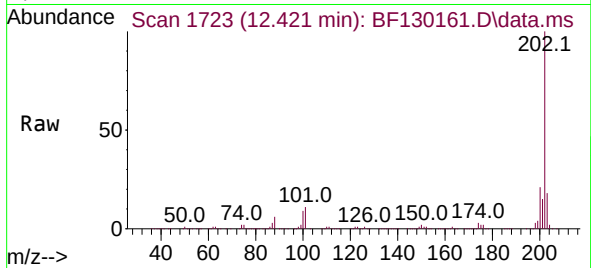
104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 43.015 ng
RT: 12.421 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

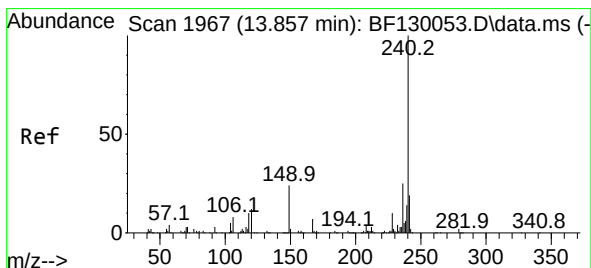
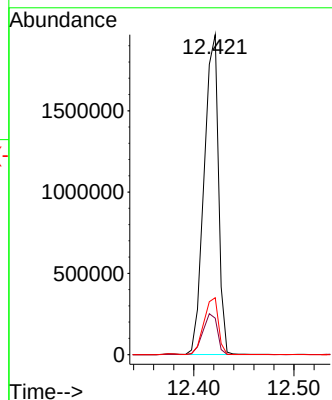
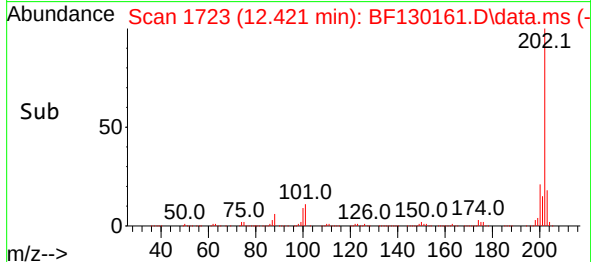
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:202 Resp: 194555
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 17.8 0.0 37.5

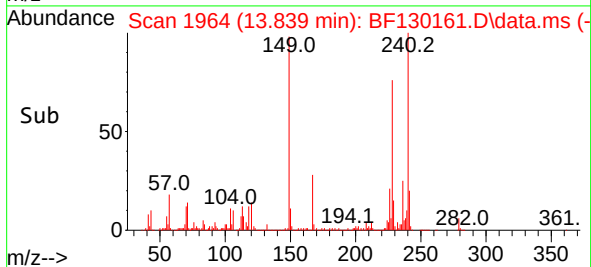
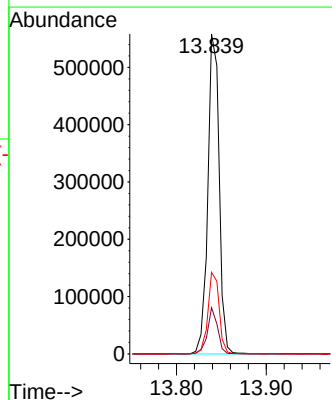
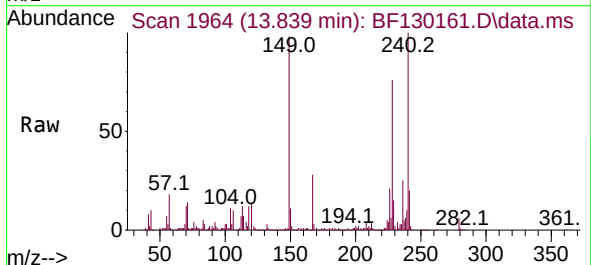
Manual Integrations
APPROVED

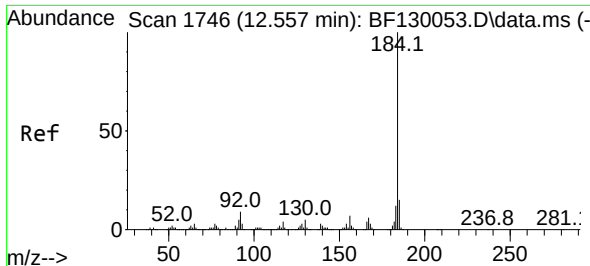
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

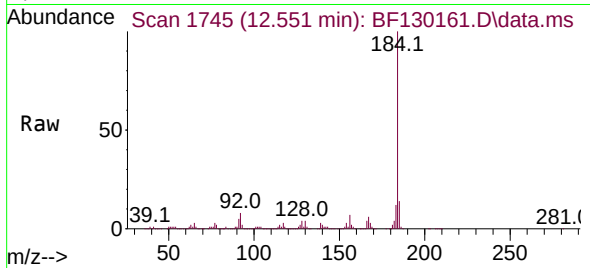
Tgt Ion:240 Resp: 490440
Ion Ratio Lower Upper
240 100
120 14.4 9.2 13.8#
236 25.5 20.7 31.1





#77
Benzidine
Concen: 88.799 ng
RT: 12.551 min Scan# 1745
Delta R.T. 0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

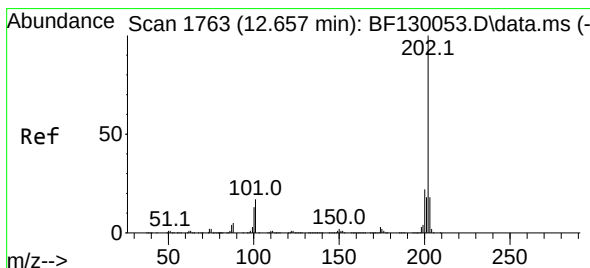
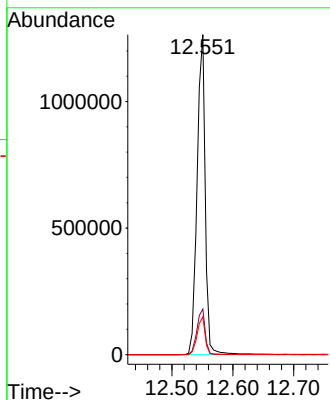
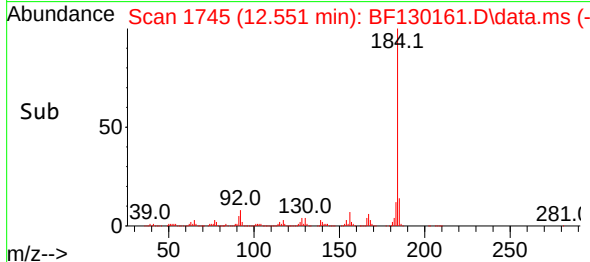
Instrument :
BNA_F
ClientSampleId :
PB147513BS



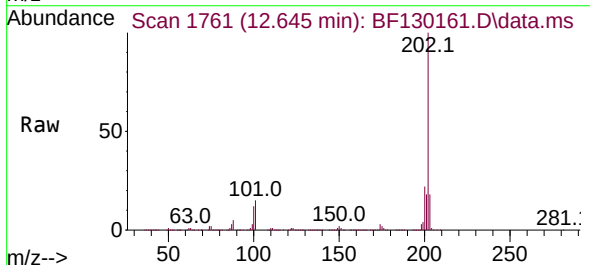
Tgt Ion:184 Resp: 1175818
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.8 9.4 14.2

Manual Integrations
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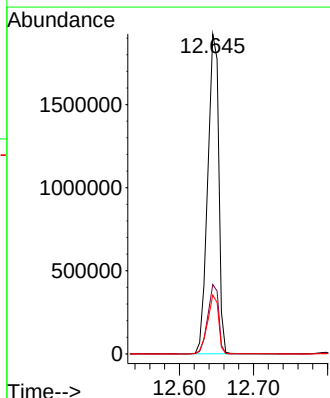
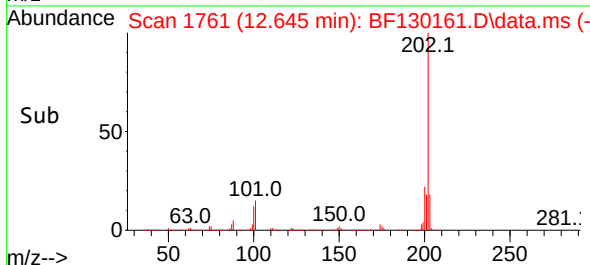
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

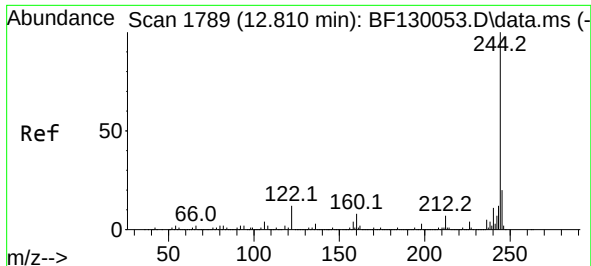


#78
Pyrene
Concen: 45.012 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



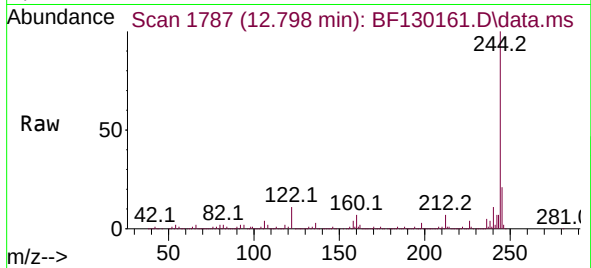
Tgt Ion:202 Resp: 1980070
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 18.4 14.1 21.1





#79
Terphenyl-d14
Concen: 92.749 ng
RT: 12.798 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

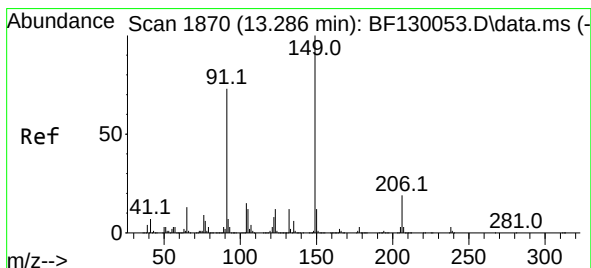
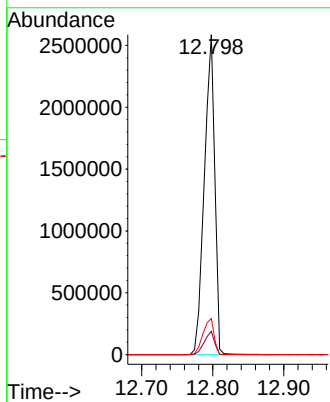
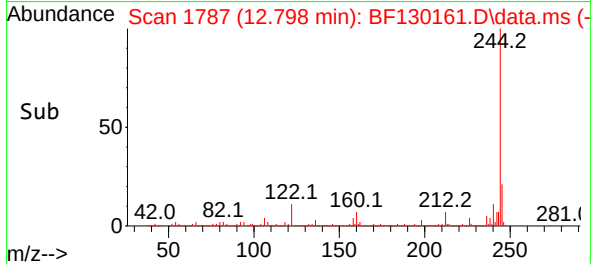
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:244 Resp: 2623097
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.3 9.9 14.9

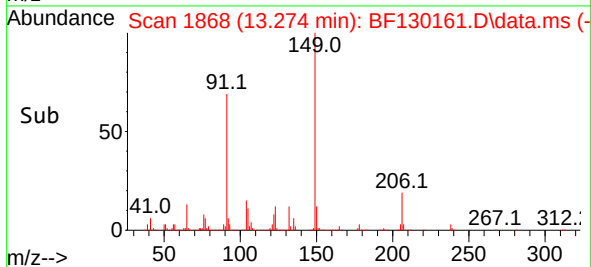
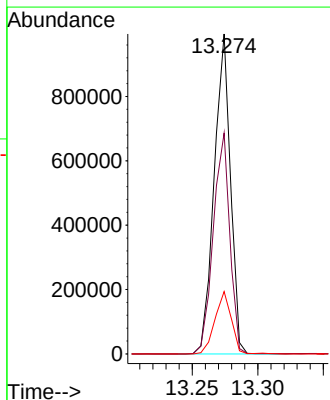
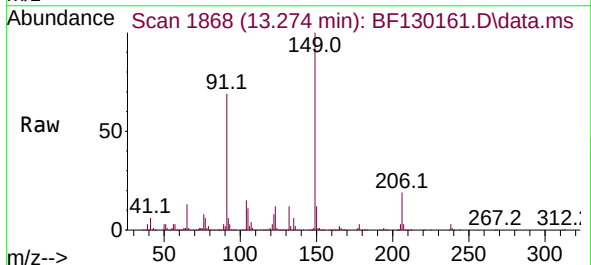
Manual Integrations
APPROVED

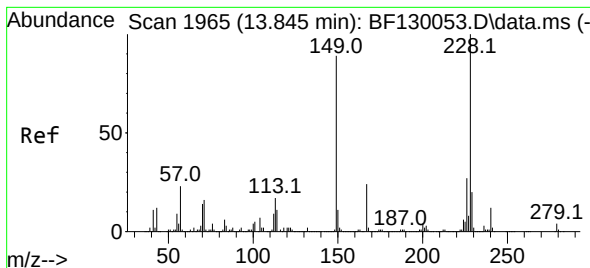
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#80
Butylbenzylphthalate
Concen: 49.058 ng
RT: 13.274 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:149 Resp: 858374
Ion Ratio Lower Upper
149 100
91 69.0 55.4 83.0
206 19.5 15.8 23.6





#81

Benzo(a)anthracene

Concen: 41.996 ng

RT: 13.827 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BF130161.D

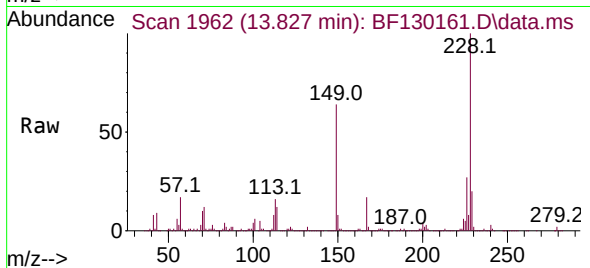
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS



Tgt Ion:228 Resp: 1411483

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

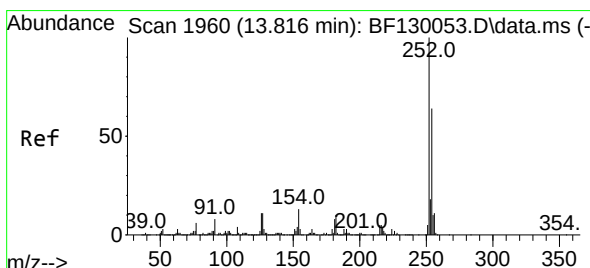
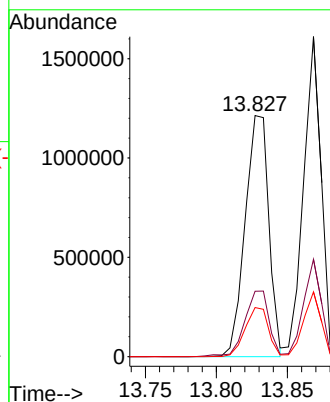
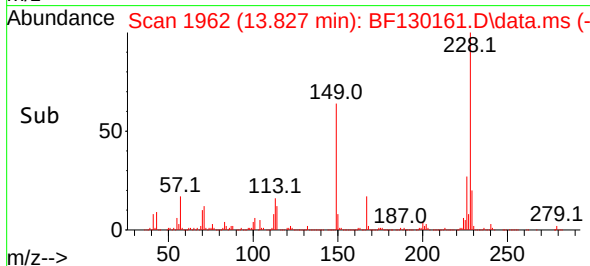
229 20.3 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#82

3,3'-Dichlorobenzidine

Concen: 42.495 ng

RT: 13.798 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

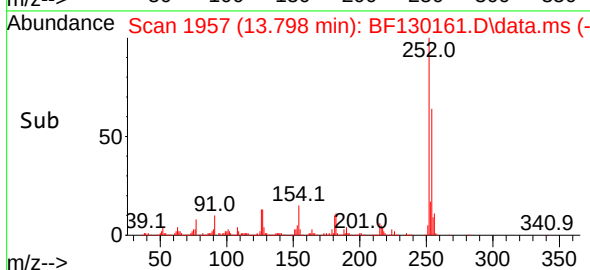
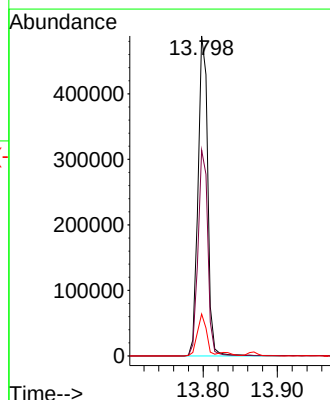
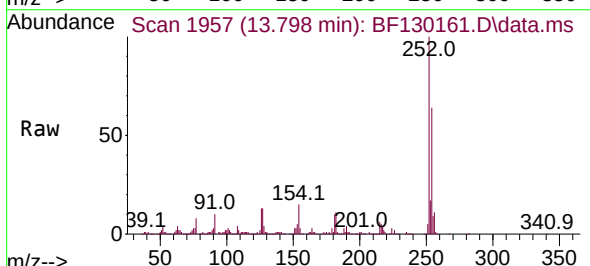
Tgt Ion:252 Resp: 445406

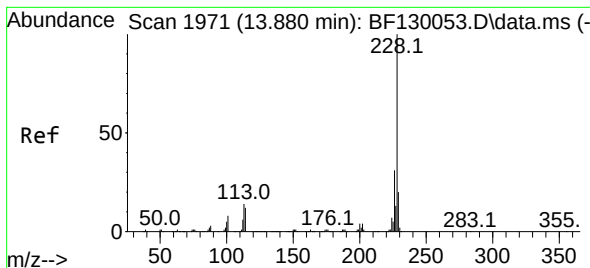
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 13.1 10.2 15.4





#83

Chrysene

Concen: 42.182 ng

RT: 13.868 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

Tgt Ion:228 Resp: 1397785

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

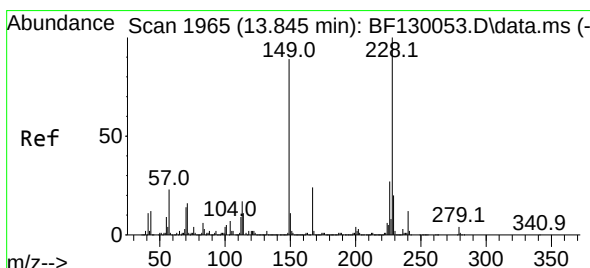
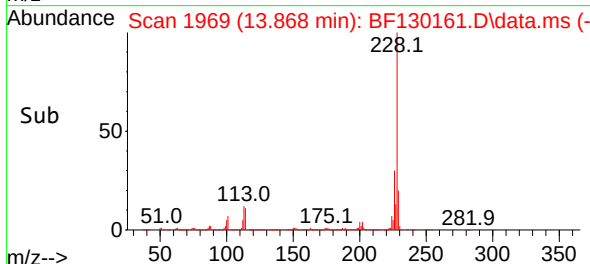
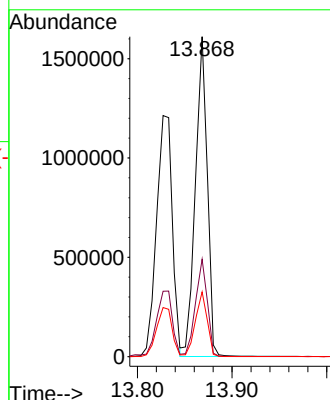
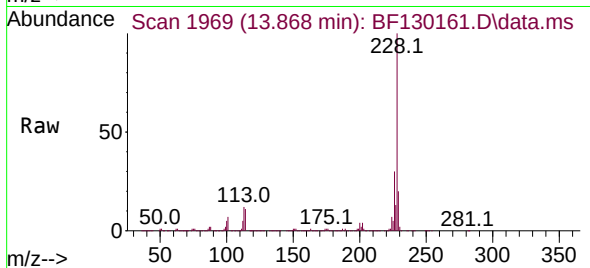
229 20.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.212 ng

RT: 13.833 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

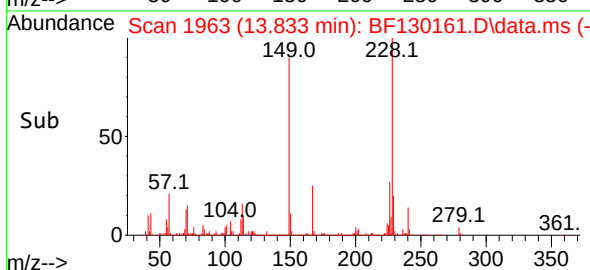
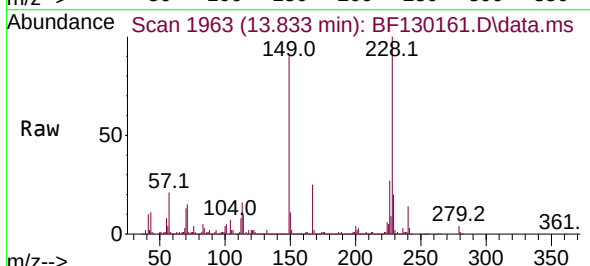
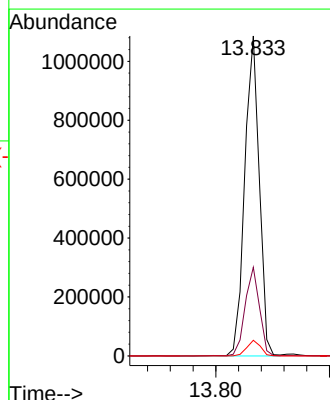
Tgt Ion:149 Resp: 961557

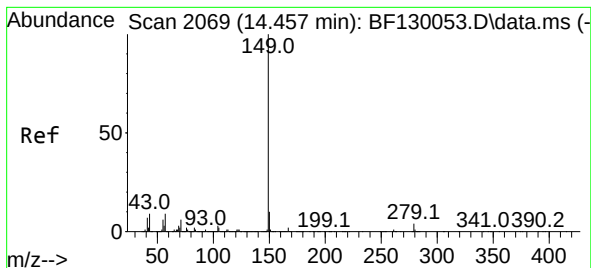
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

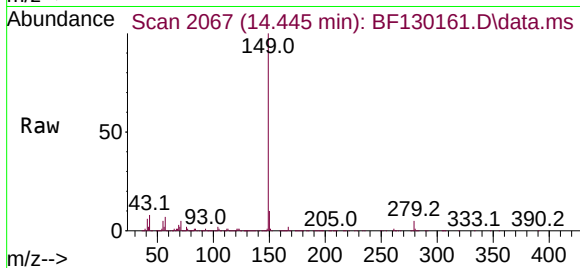
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 42.112 ng
RT: 14.445 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

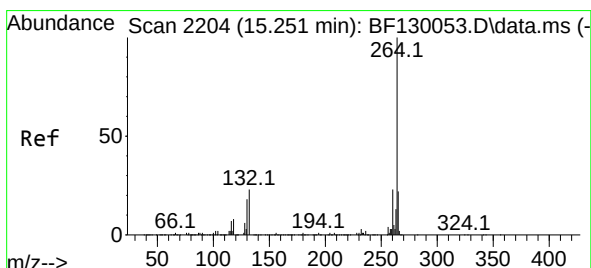
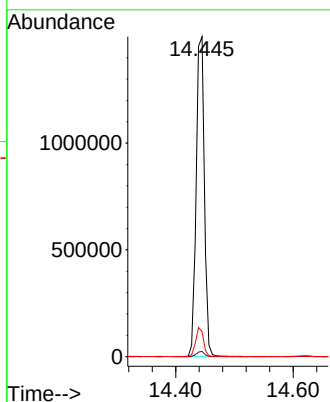
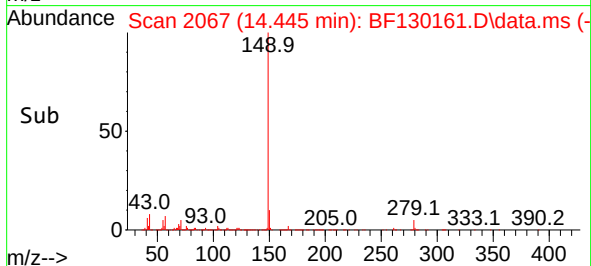
Instrument :
BNA_F
ClientSampleId :
PB147513BS



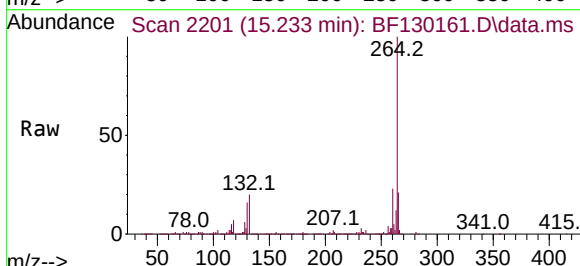
Tgt Ion:149 Resp: 1446746
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.8 11.6

Manual Integrations
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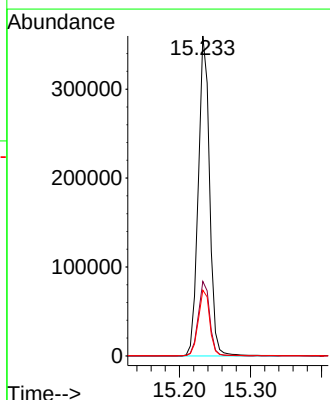
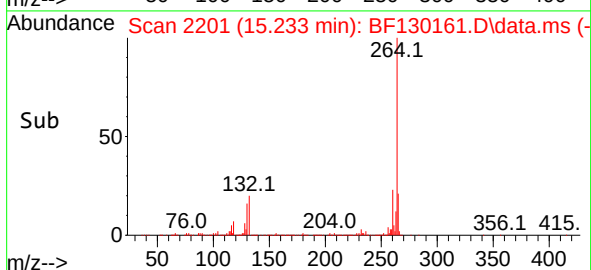
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

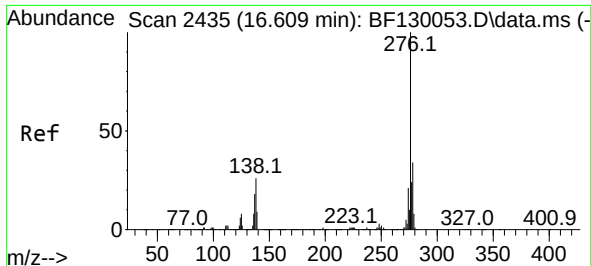


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion:264 Resp: 394174
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 20.5 16.7 25.1





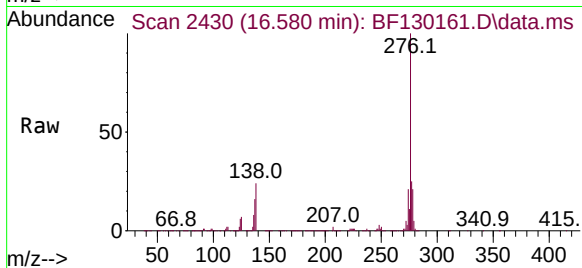
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.647 ng
RT: 16.580 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

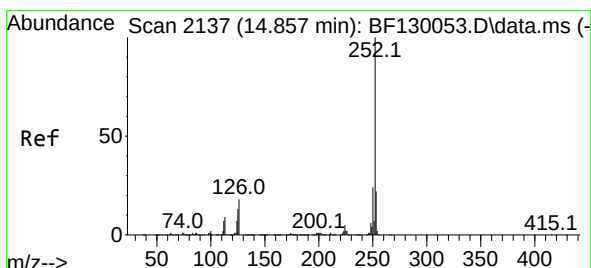
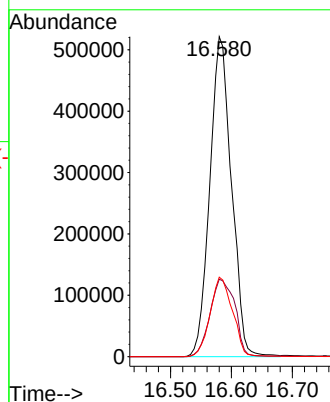
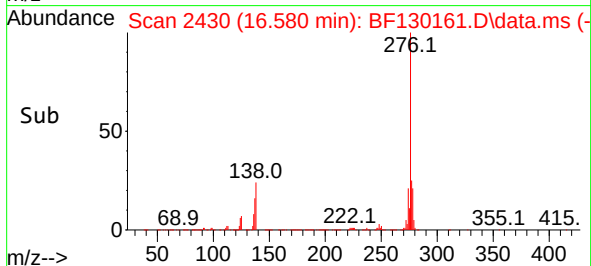


Tgt Ion:276 Resp: 1290900
Ion Ratio Lower Upper
276 100
138 27.7 19.8 29.8
277 25.7 20.4 30.6

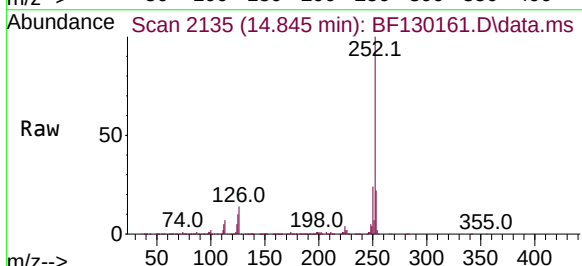
Manual Integrations

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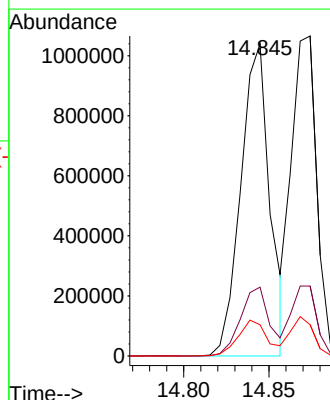
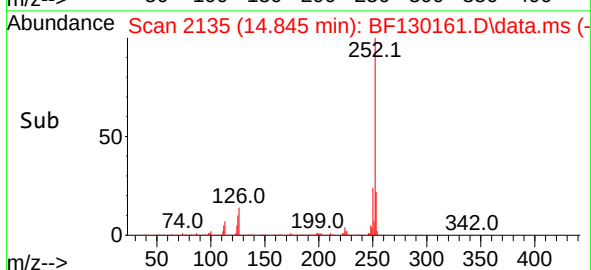
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

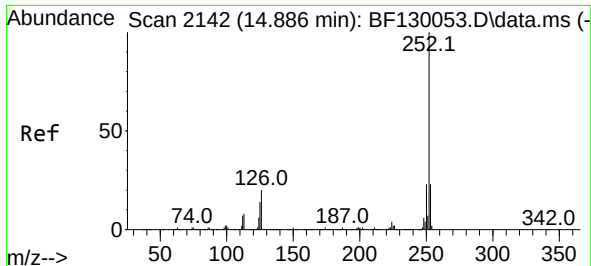


#88
Benzo(b)fluoranthene
Concen: 46.870 ng
RT: 14.845 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36



Tgt Ion:252 Resp: 1232035
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.0 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 43.555 ng

RT: 14.874 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB147513BS

Tgt Ion:252 Resp: 110728

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

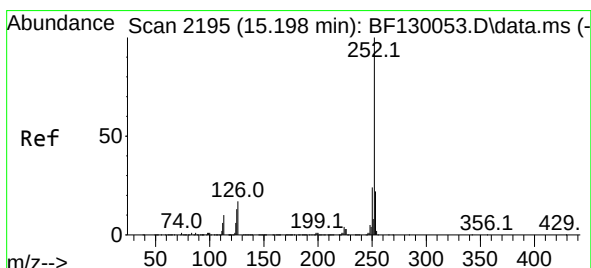
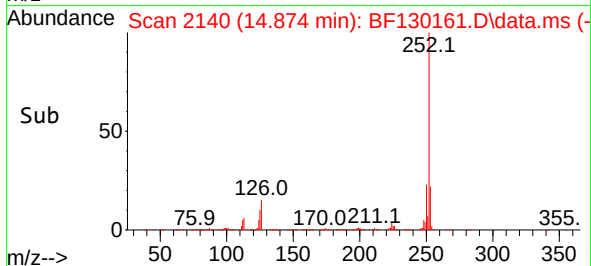
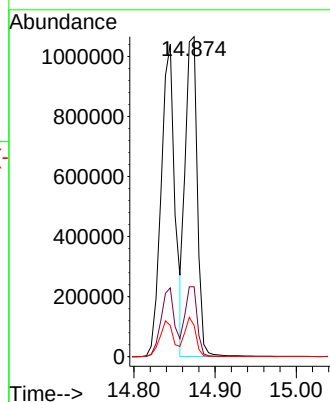
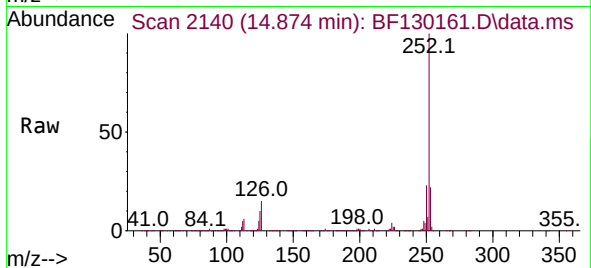
125 9.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#90

Benzo(a)pyrene

Concen: 48.352 ng

RT: 15.180 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF130161.D

Acq: 07 Sep 2022 14:36

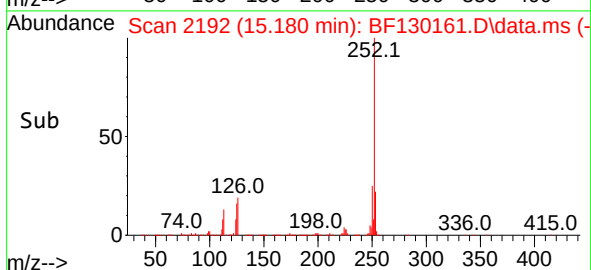
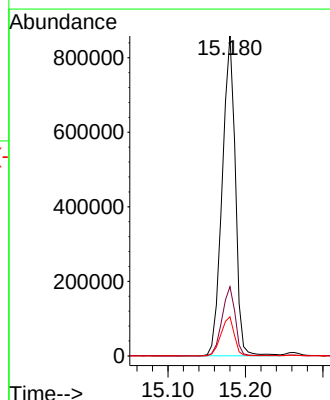
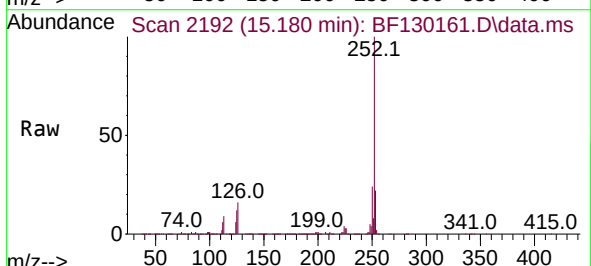
Tgt Ion:252 Resp: 1009932

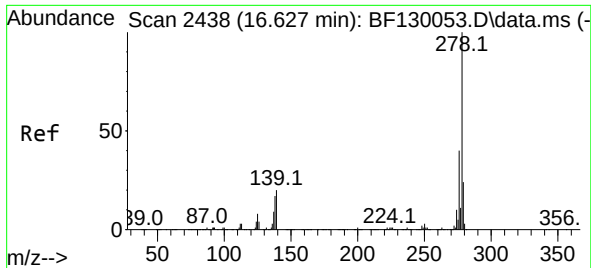
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

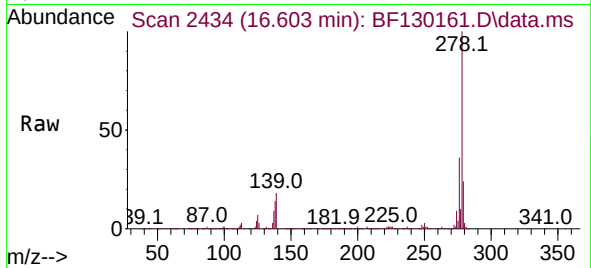
125 12.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 53.252 ng
RT: 16.603 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

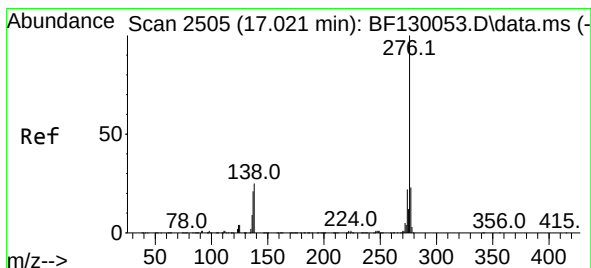
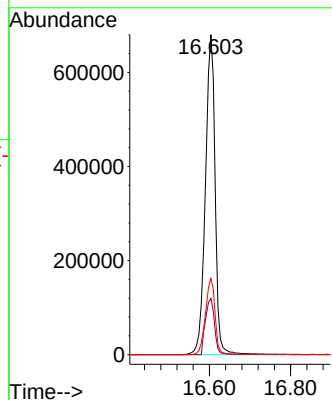
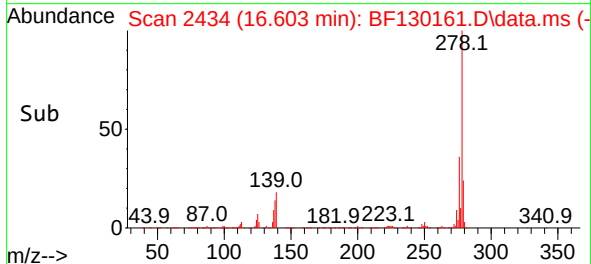
Instrument :
BNA_F
ClientSampleId :
PB147513BS



Tgt Ion:278 Resp: 1132996
Ion Ratio Lower Upper
278 100
139 17.6 12.2 18.4
279 23.8 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#92
Benzo(g,h,i)perylene
Concen: 53.944 ng
RT: 16.992 min Scan# 2500
Delta R.T. -0.006 min
Lab File: BF130161.D
Acq: 07 Sep 2022 14:36

Tgt Ion:276 Resp: 1148301
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.4
138 23.3 15.8 23.8

